

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

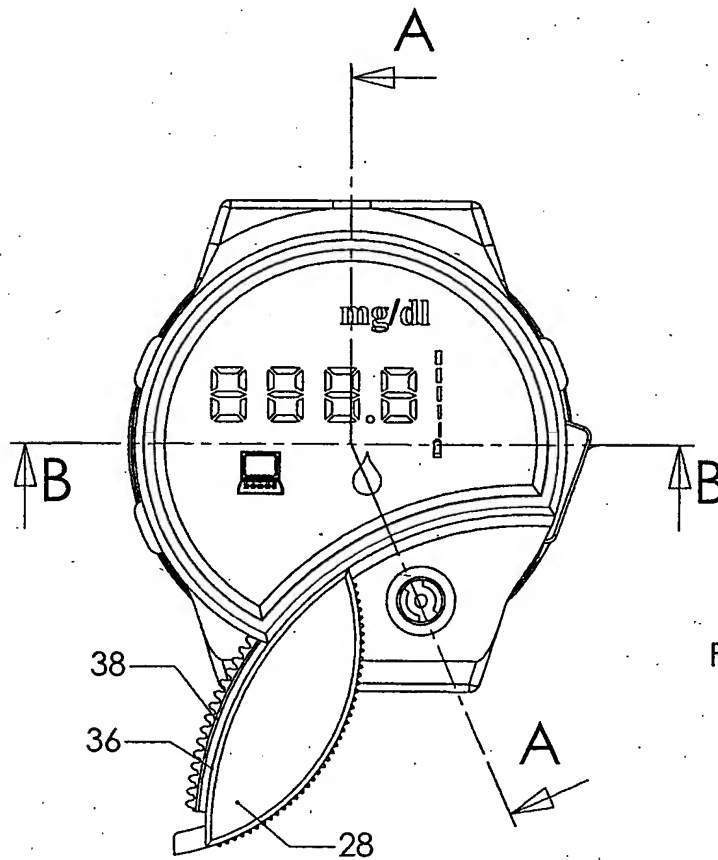
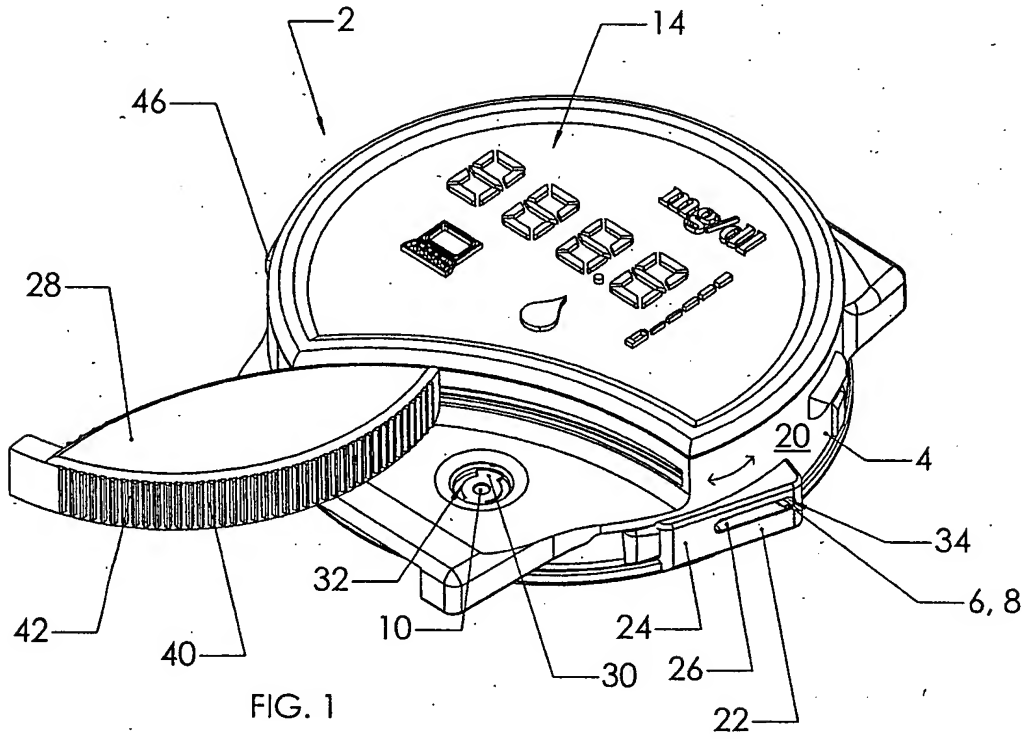
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

1/35



2/35

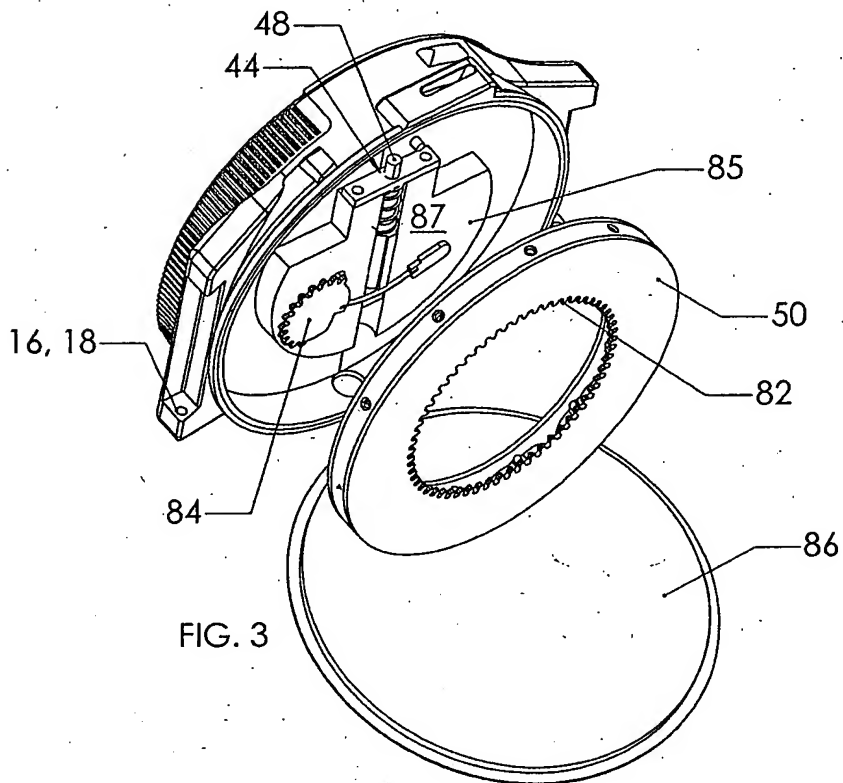


FIG. 3

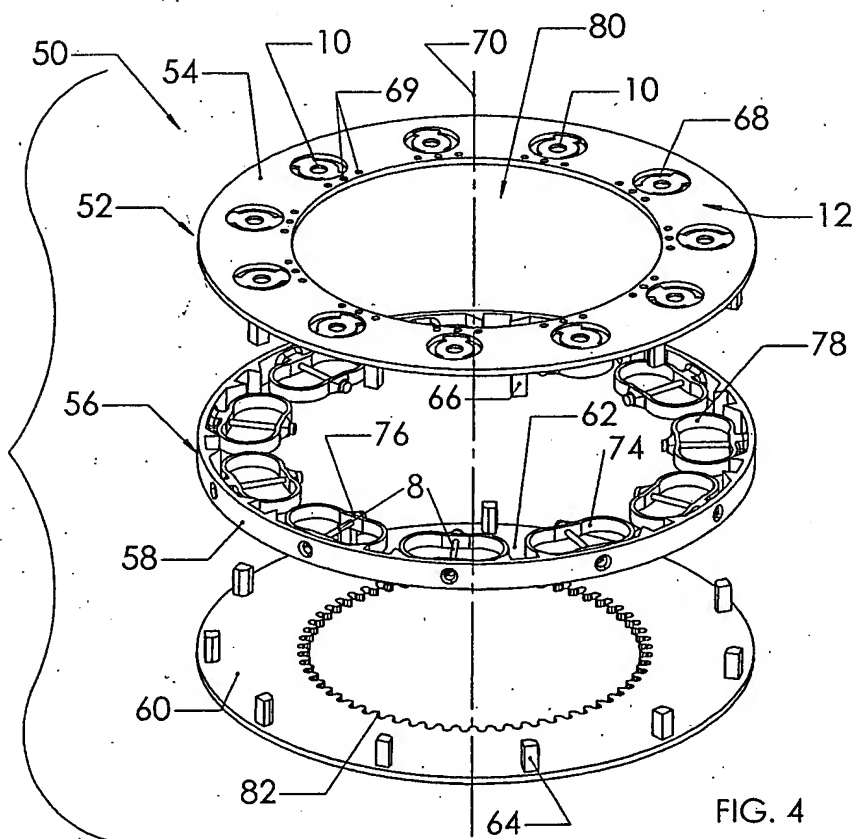


FIG. 4

3/35

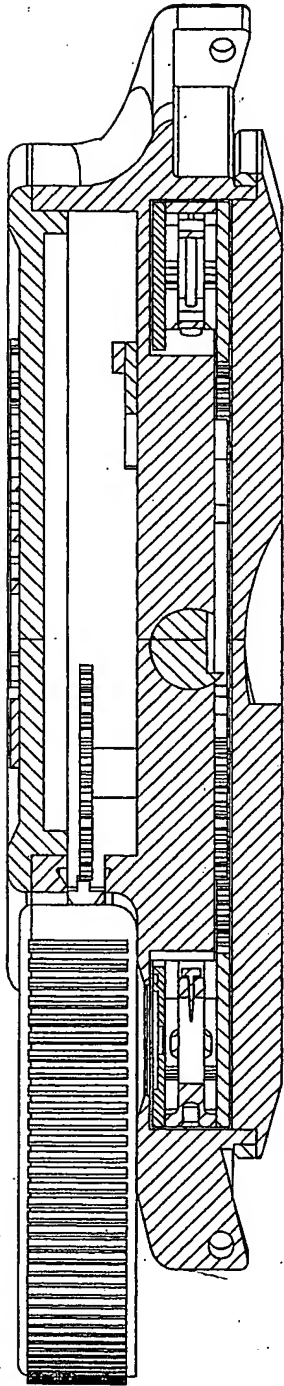


FIG. 5

SECTION A-A

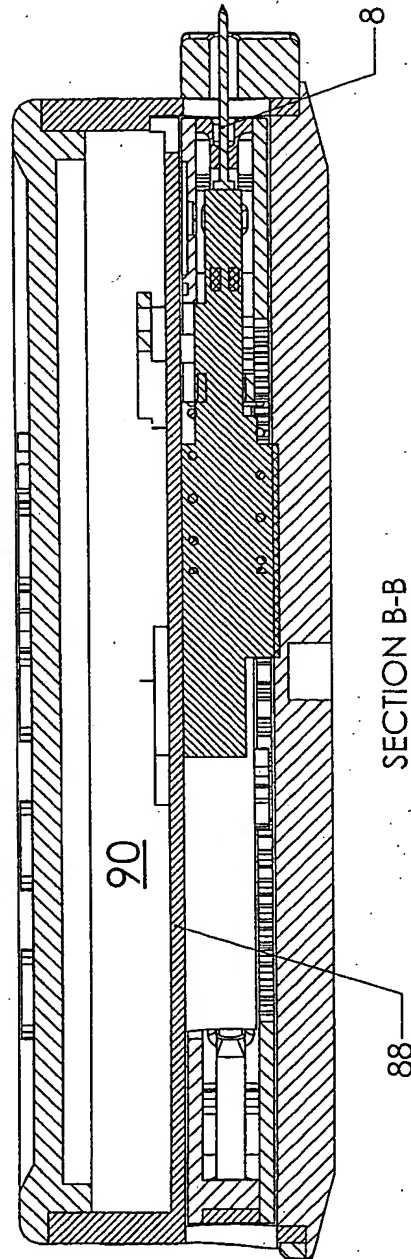


FIG. 6

SECTION B-B

4/35

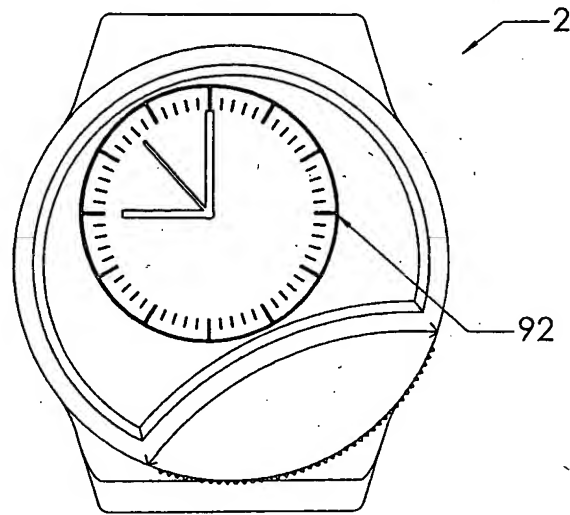


FIG. 7

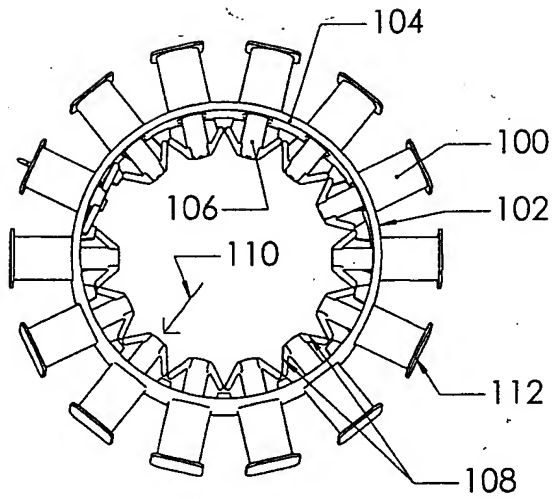


FIG. 8

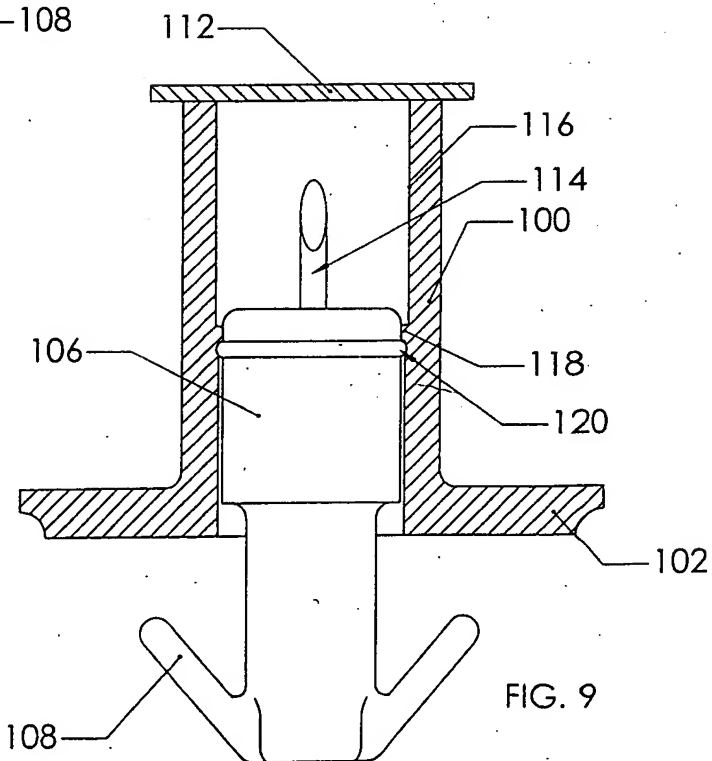
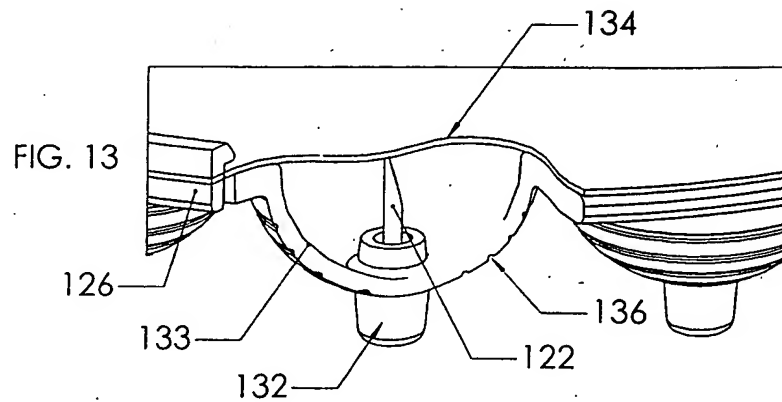
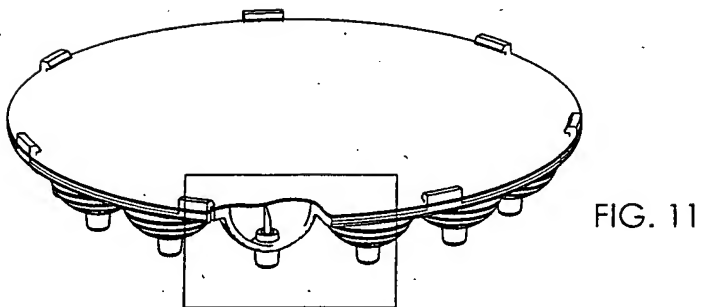
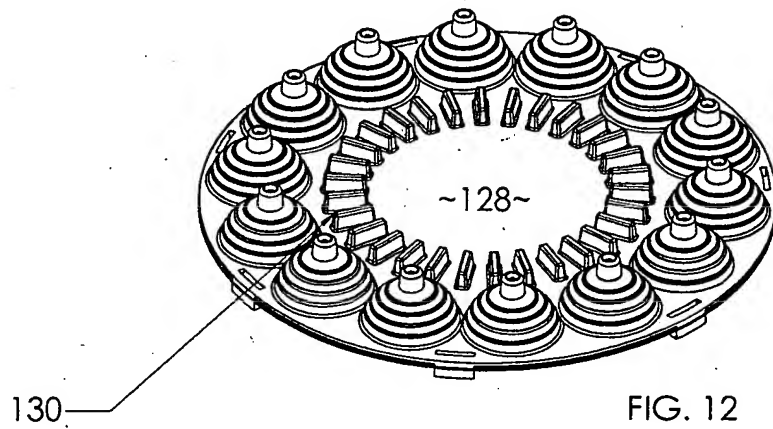
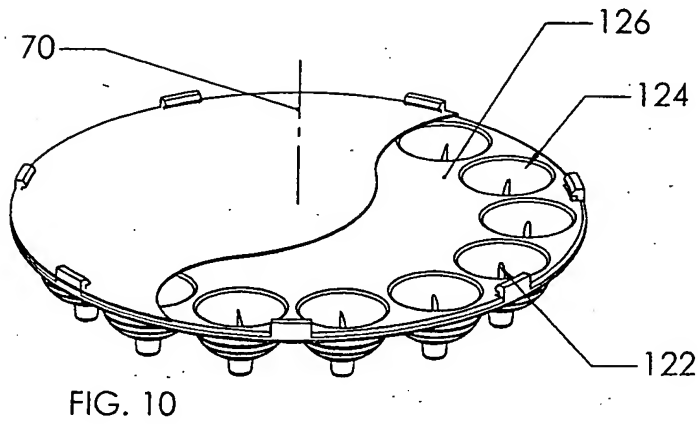


FIG. 9

5/35



6/35

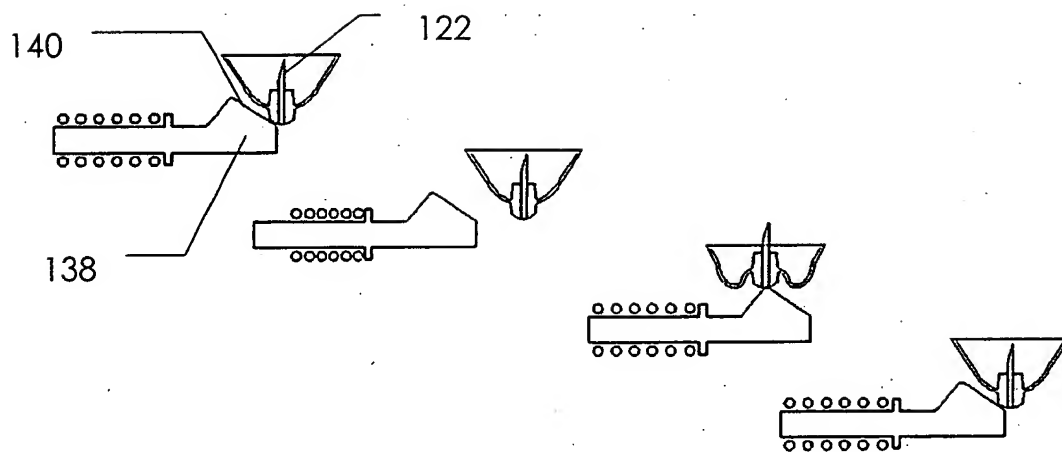
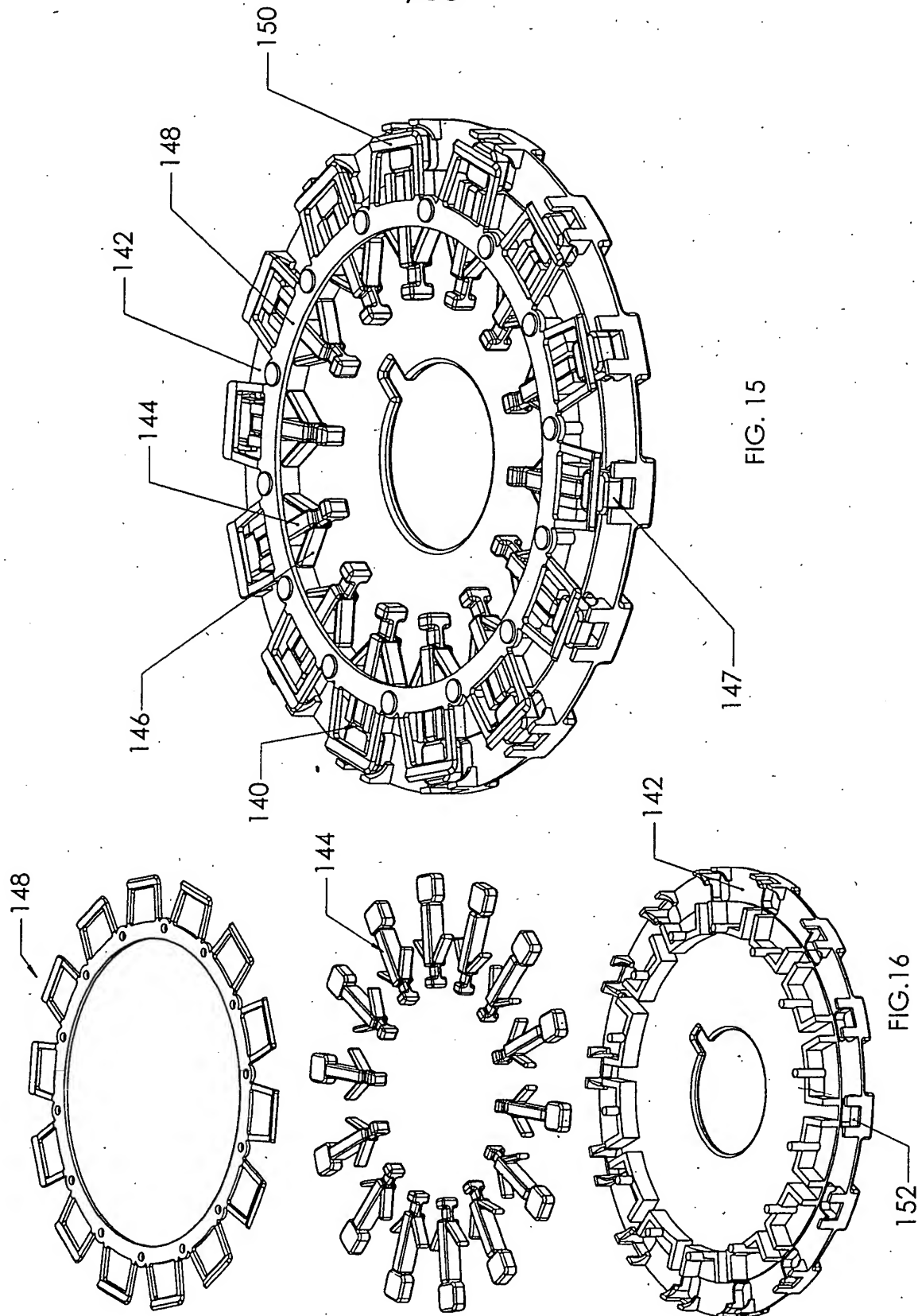


FIG. 14

7/35





8/35

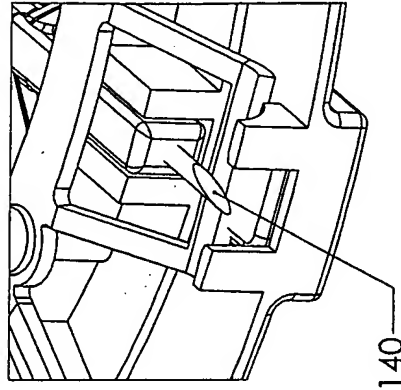


FIG. 17D

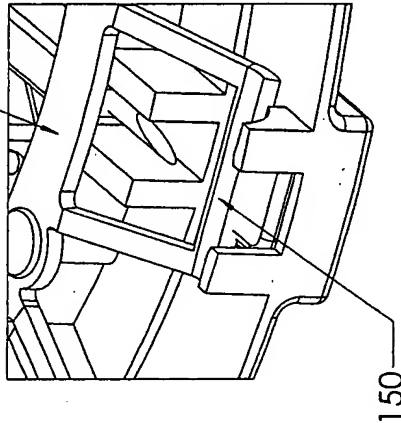


FIG. 17C

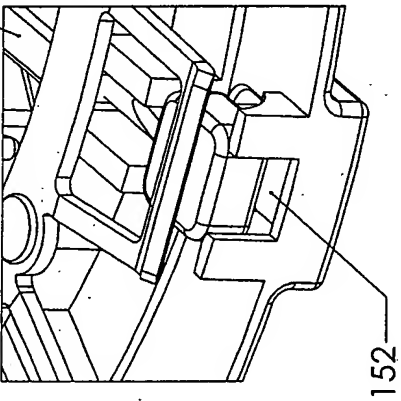


FIG. 17B

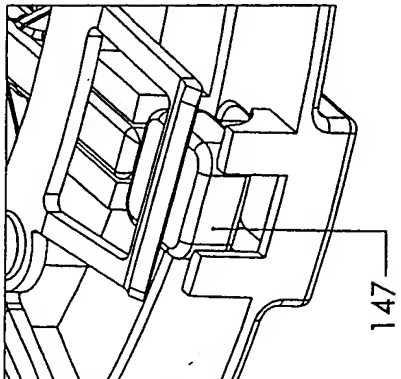
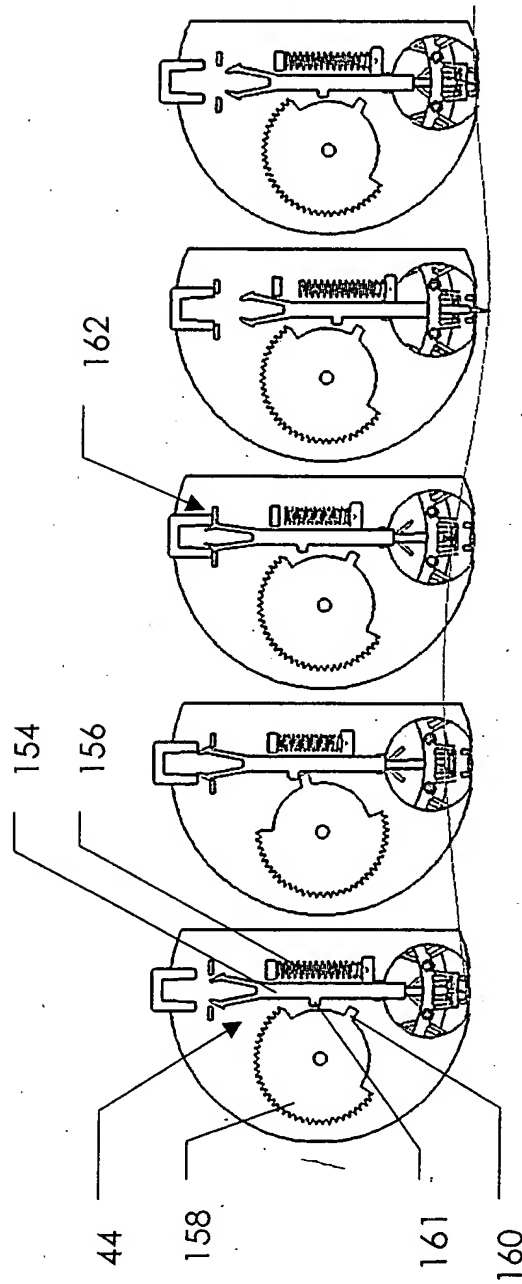


FIG. 17A

9/35



10/35

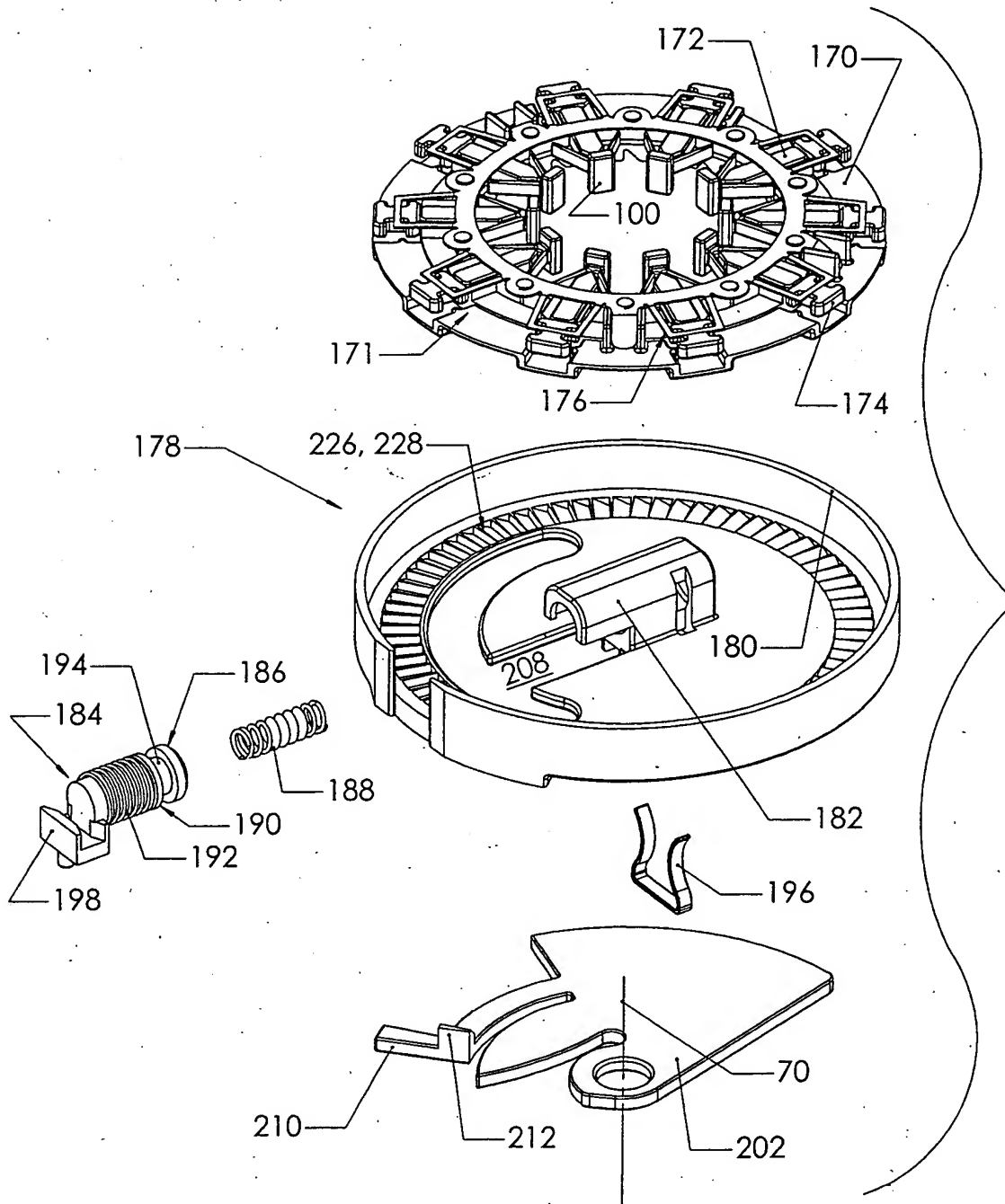


FIG. 19

11/35

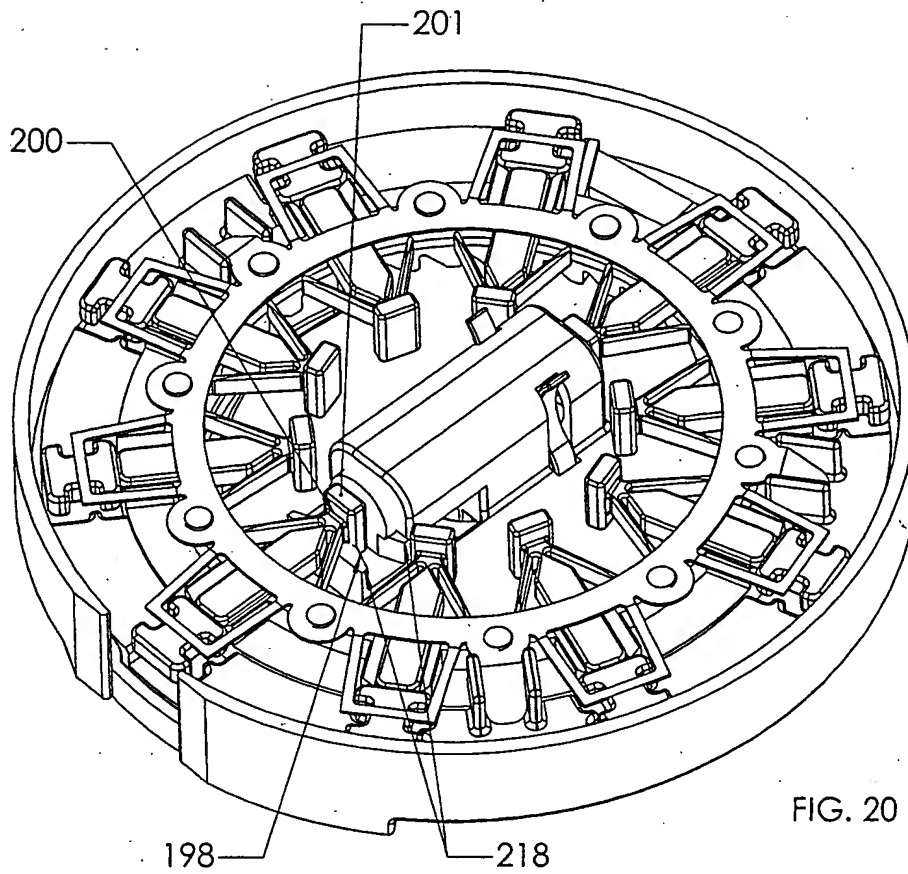


FIG. 20

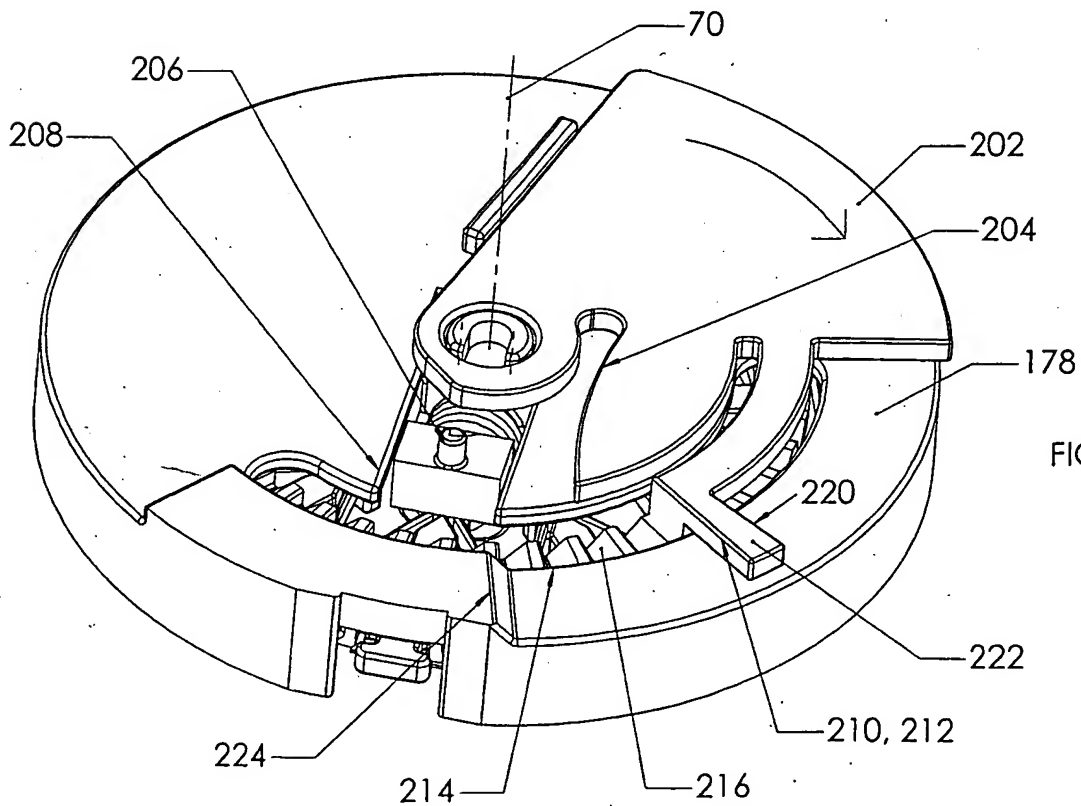


FIG. 21

12/35

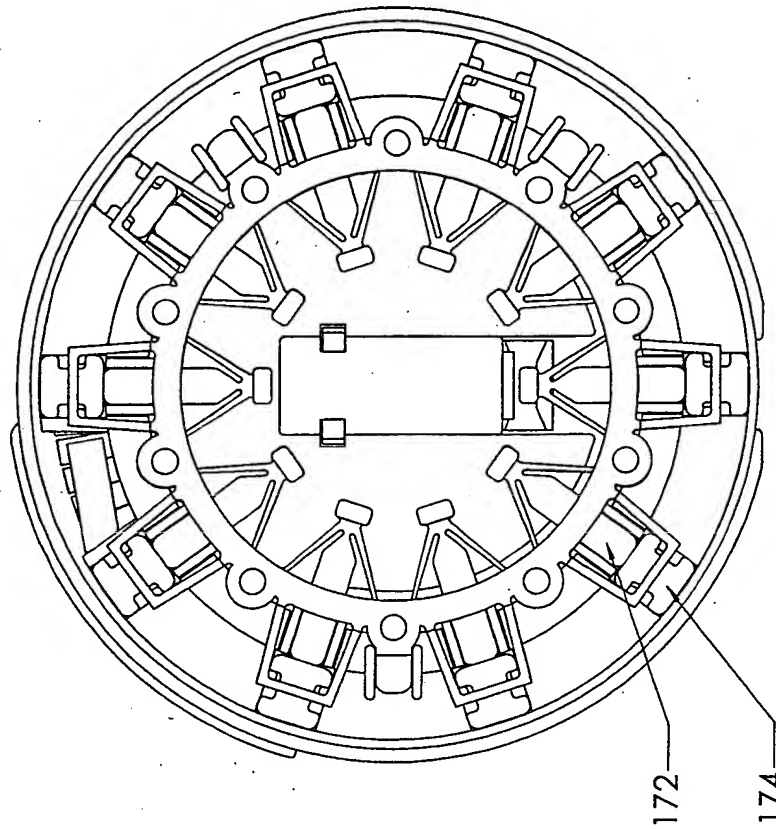


FIG. 22B

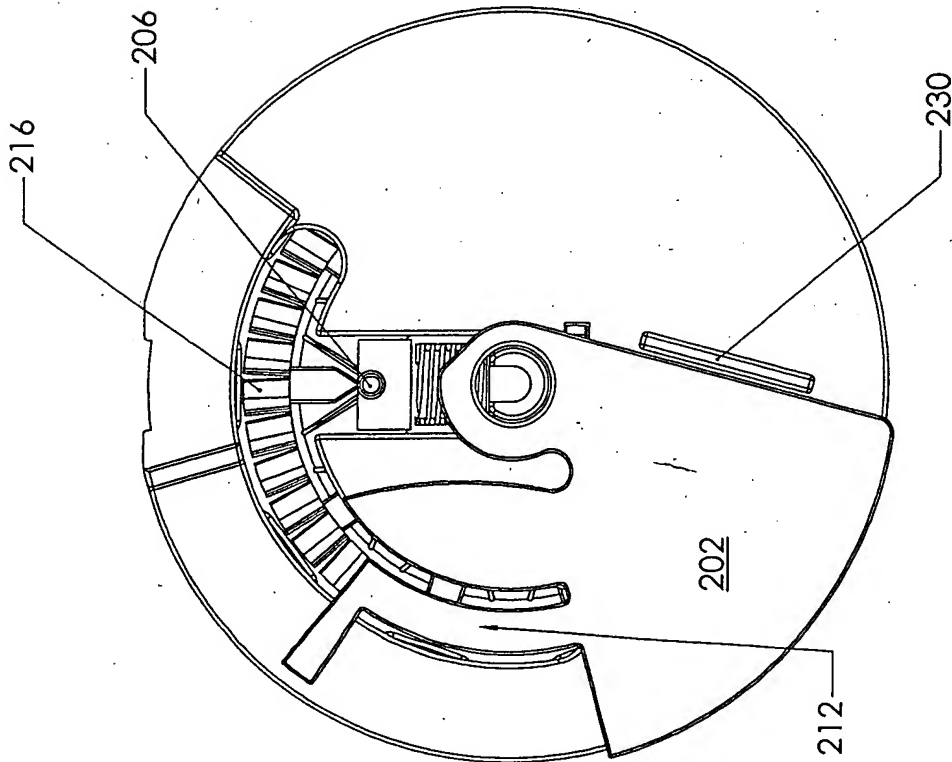


FIG. 22A

13/35

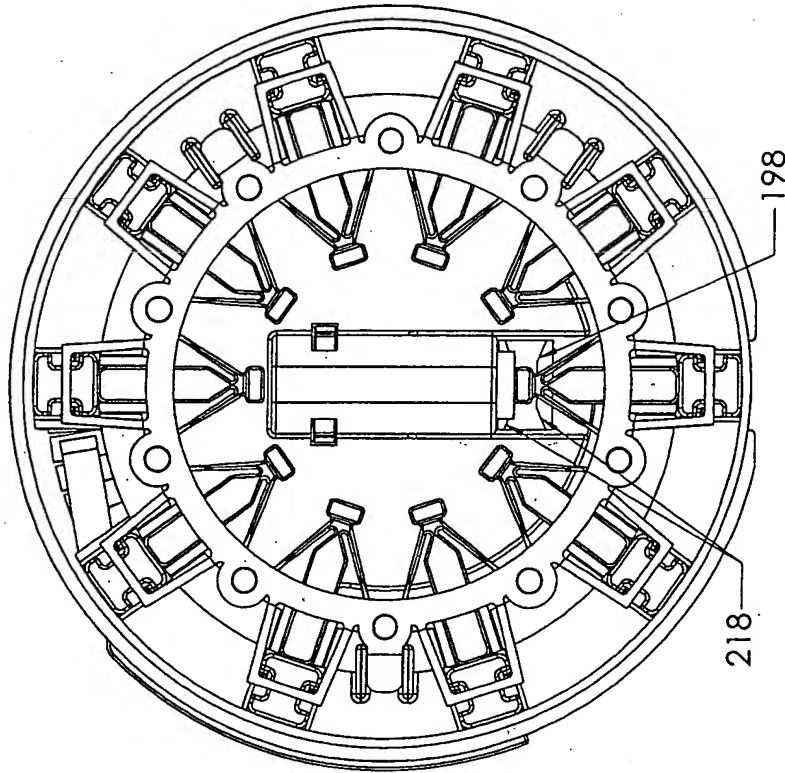


FIG. 23B

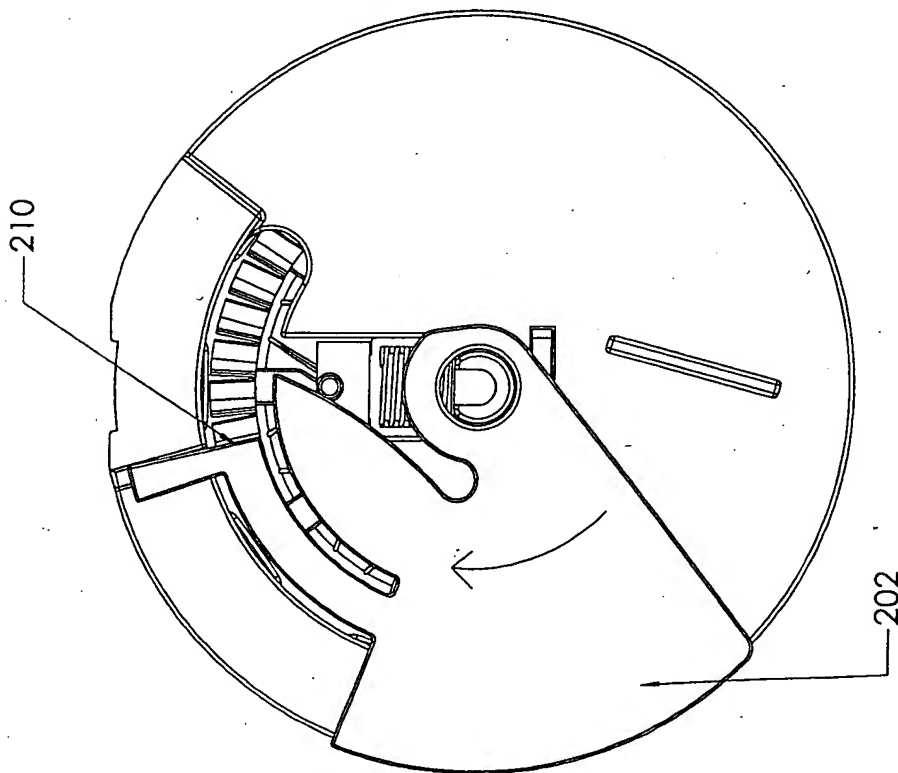


FIG. 23A

14/35

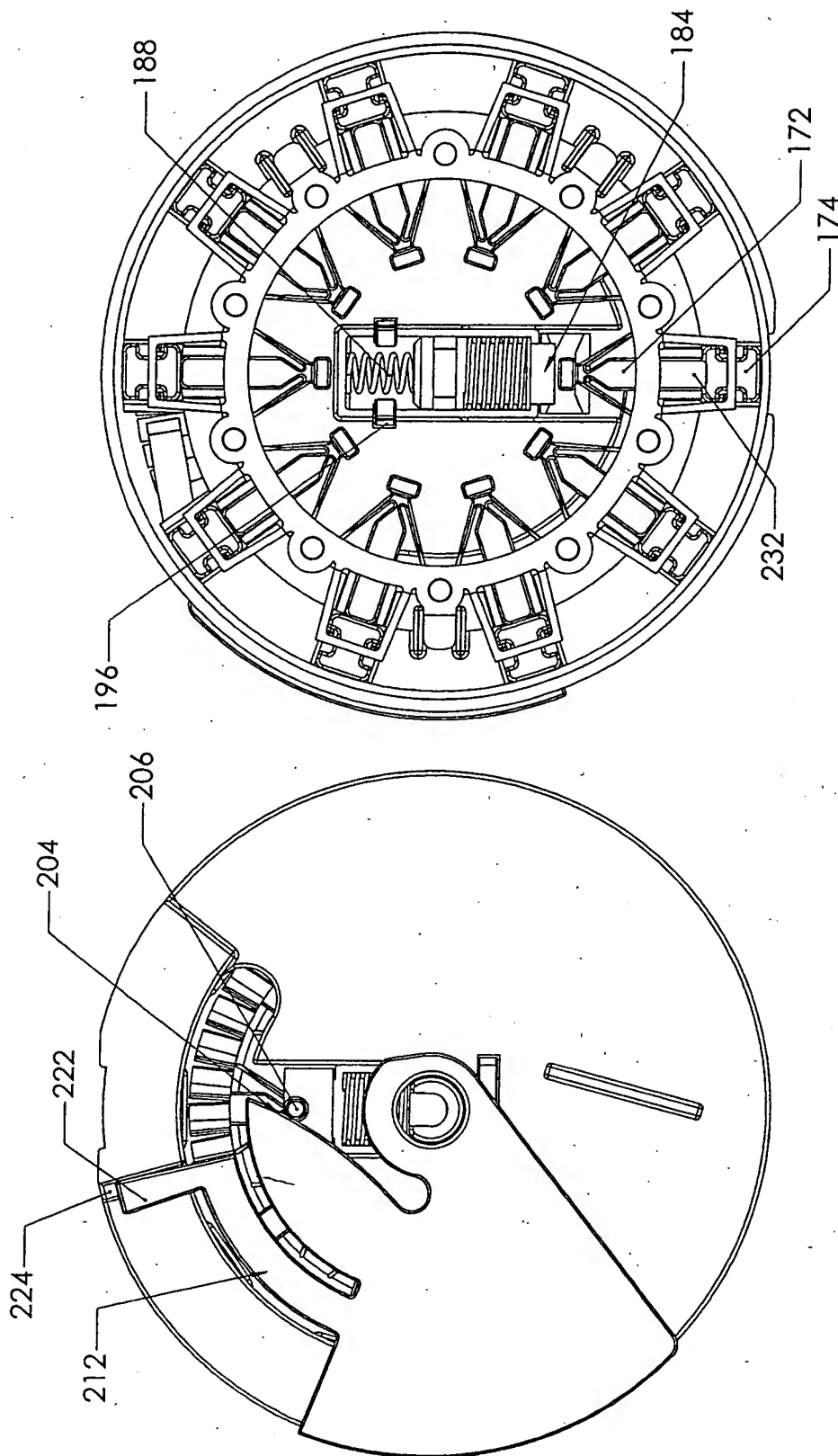


FIG. 24B

FIG. 24A

15/35

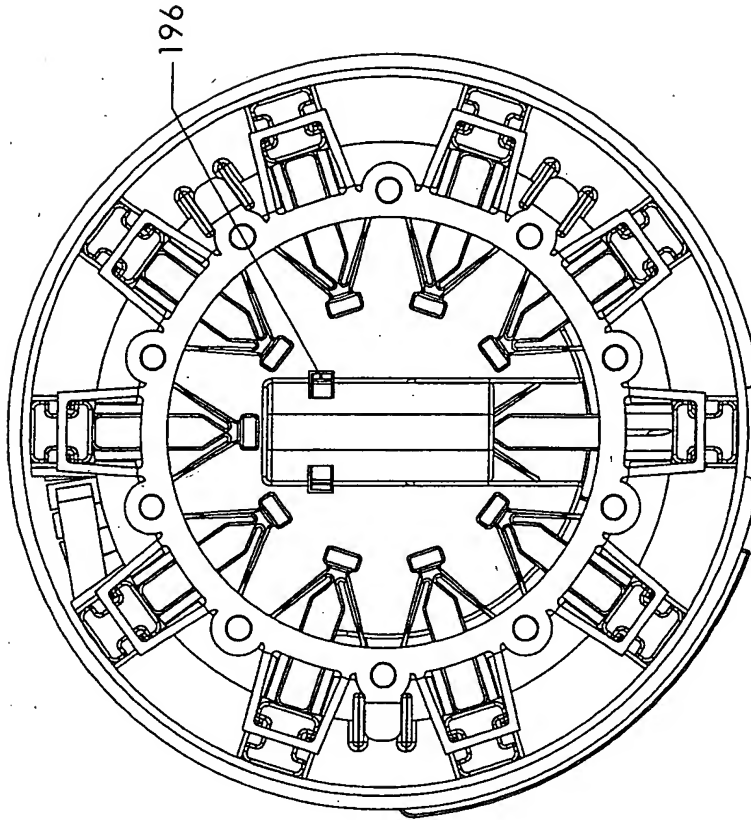


FIG. 25B

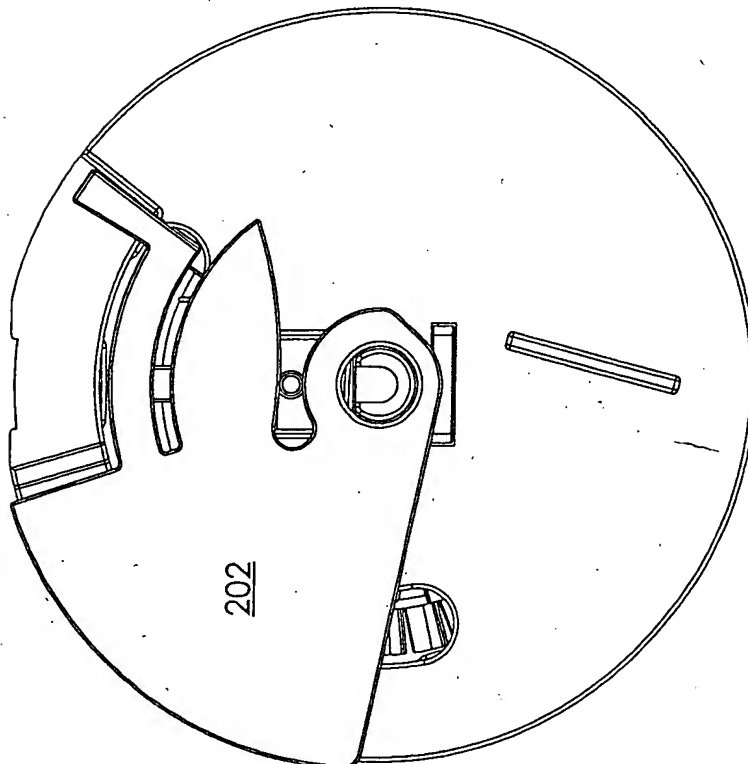
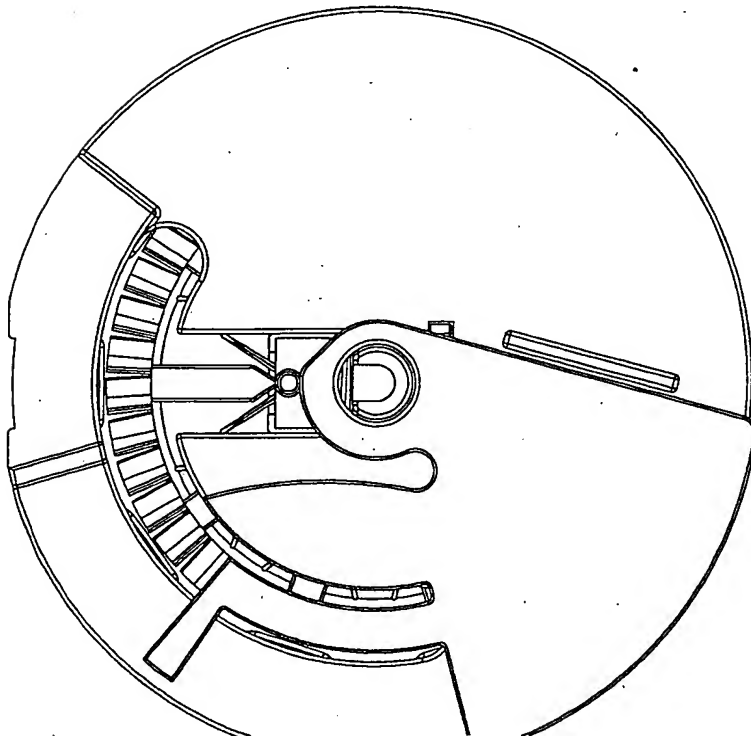
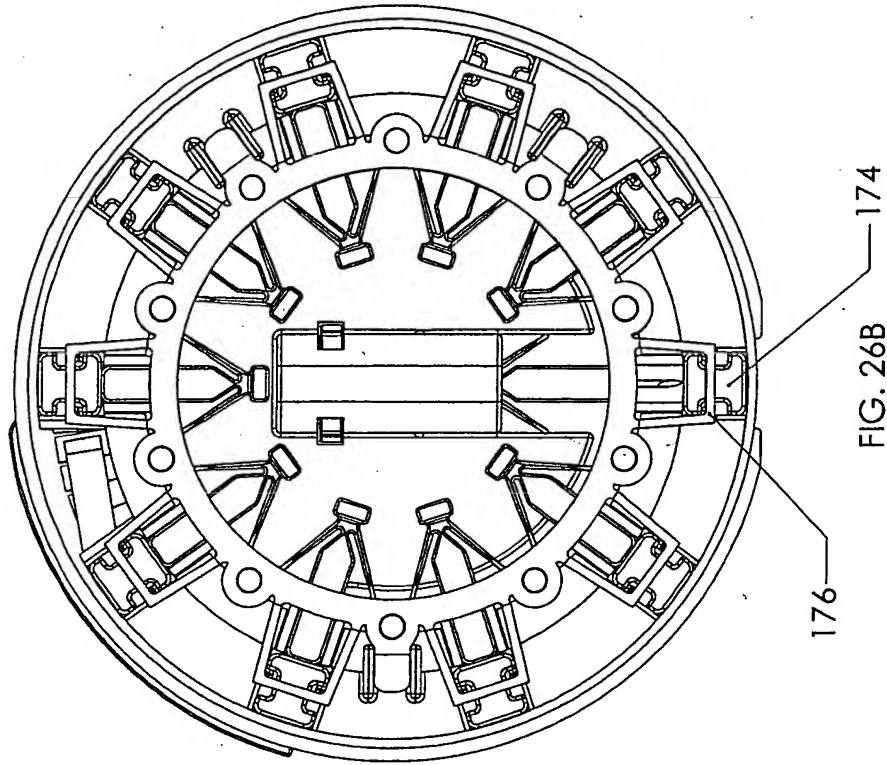


FIG. 25A



16/35



17/35

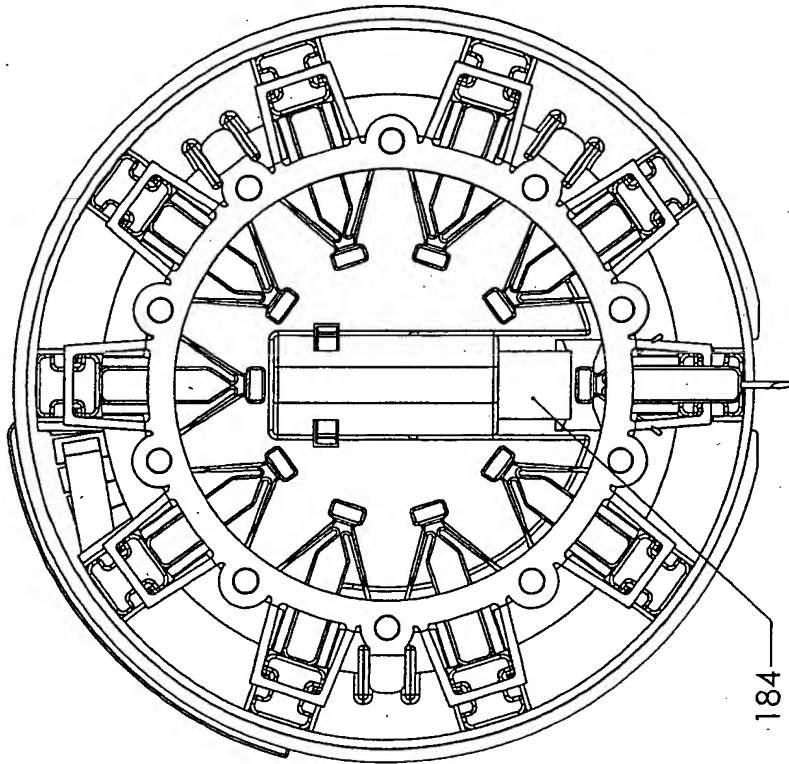


FIG. 27B

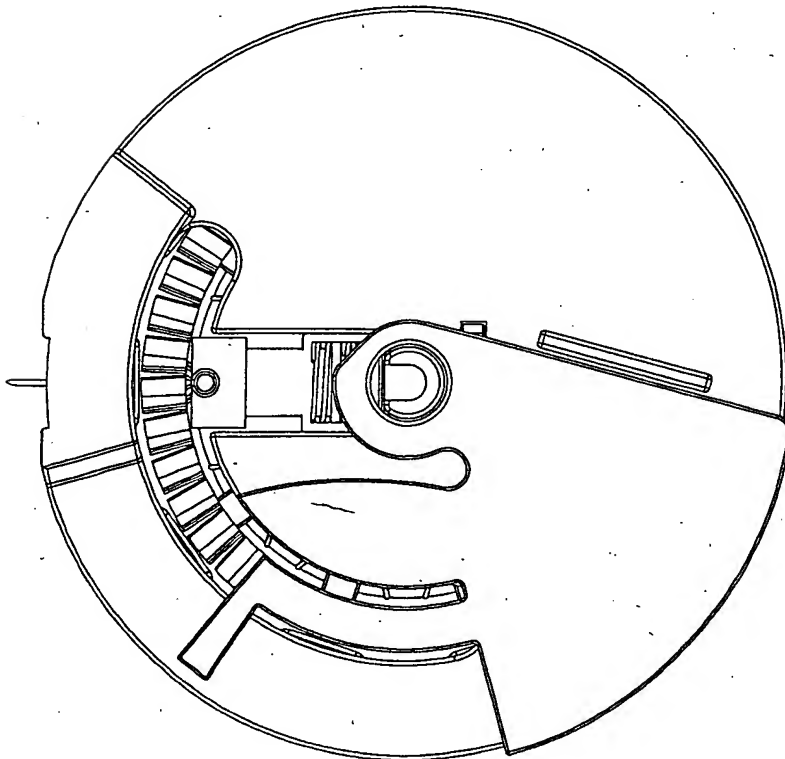


FIG. 27A

18/35

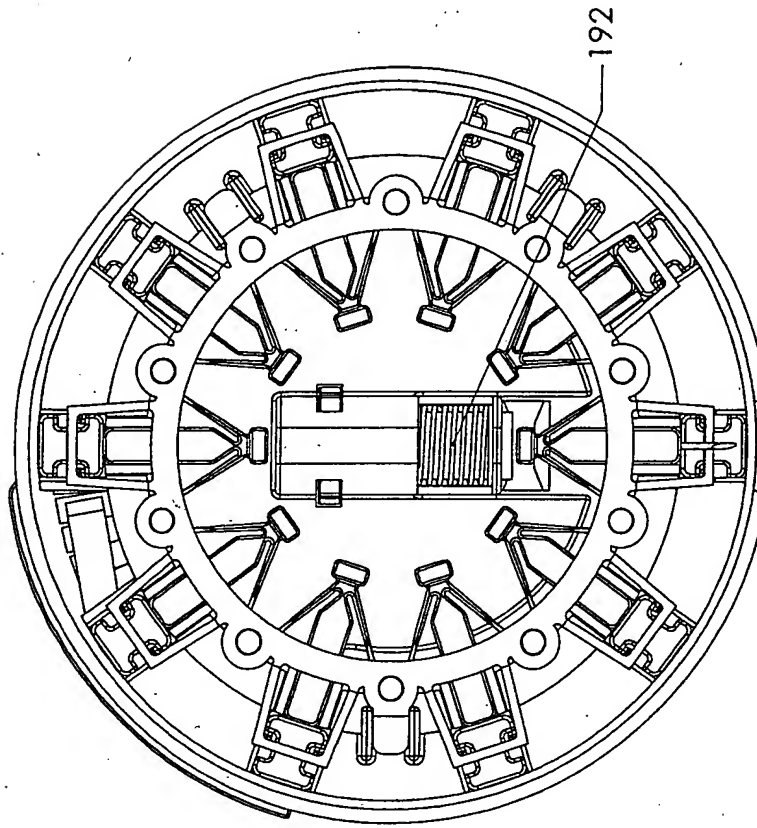


FIG. 28B

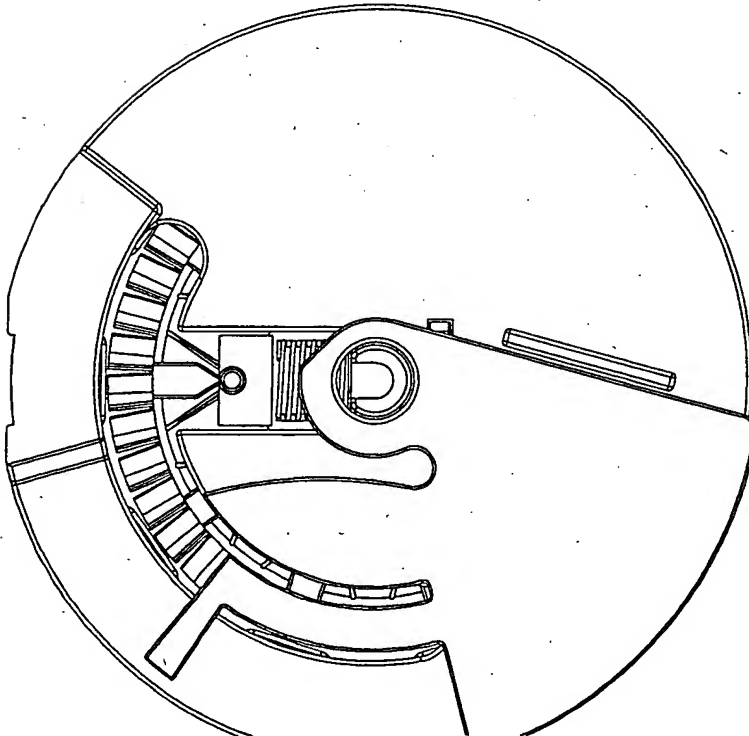


FIG. 28A

19/35

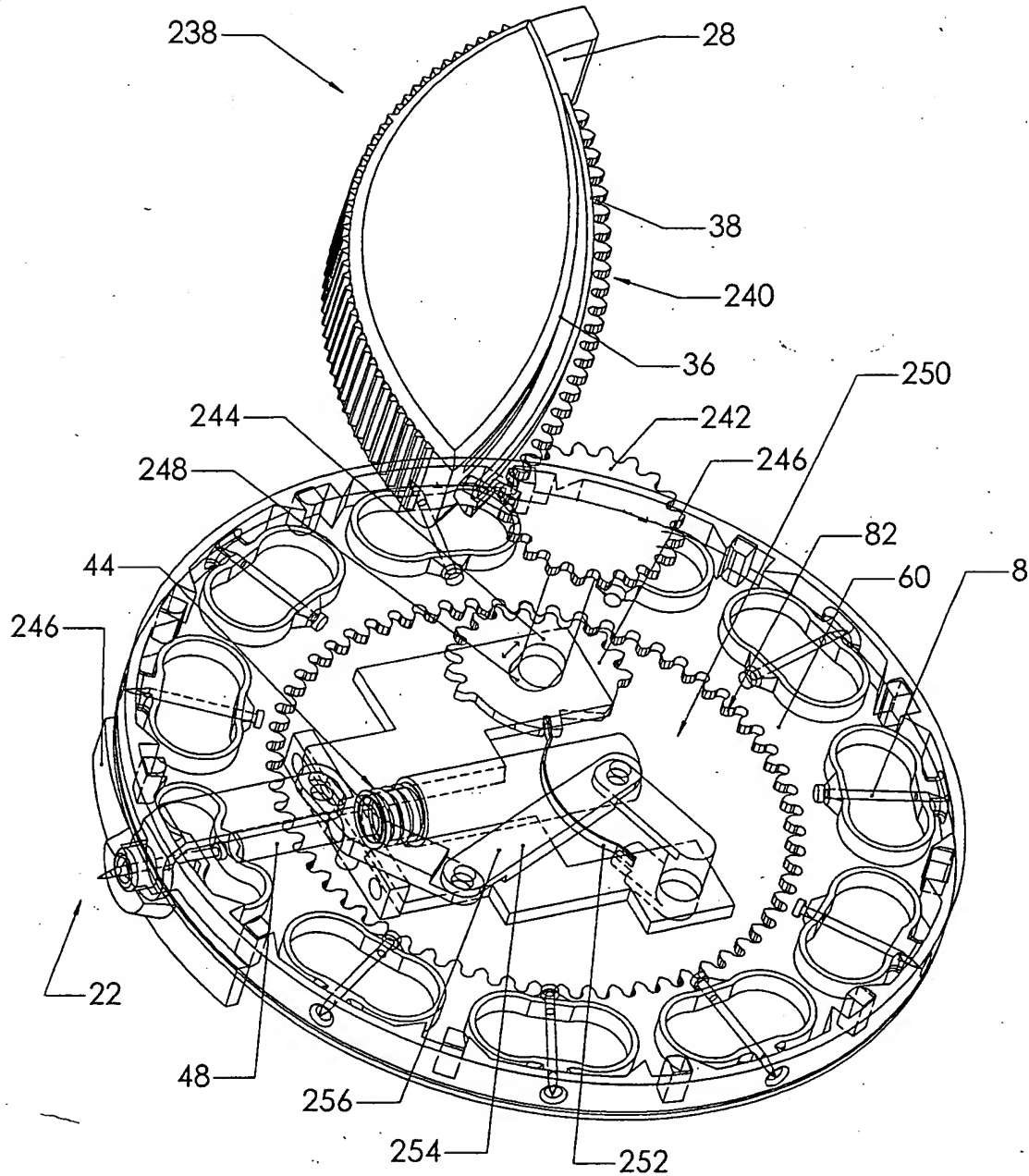
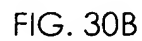
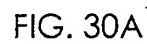


FIG. 29



21/35

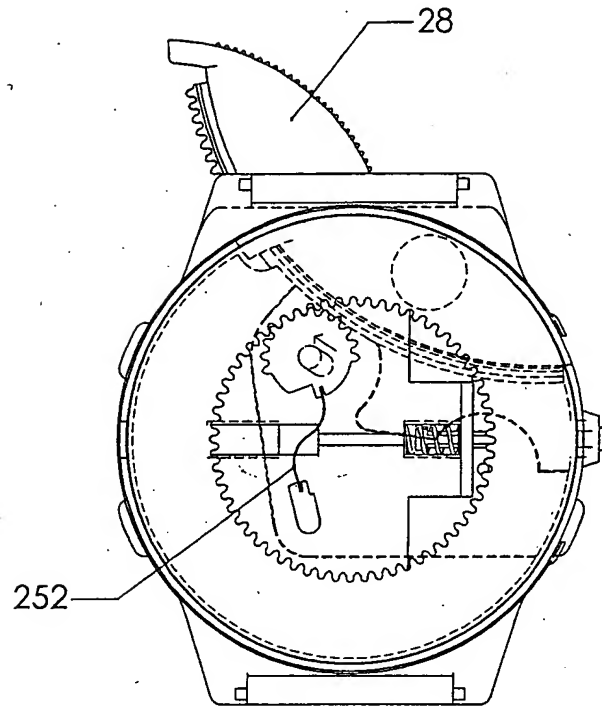


FIG. 31A

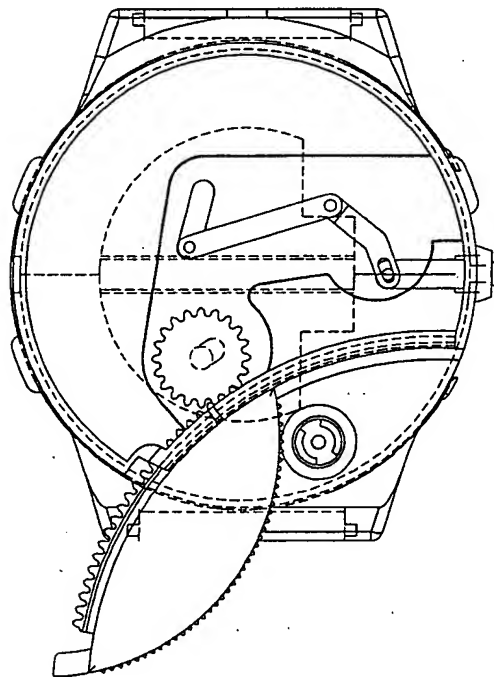


FIG. 31B

22/35

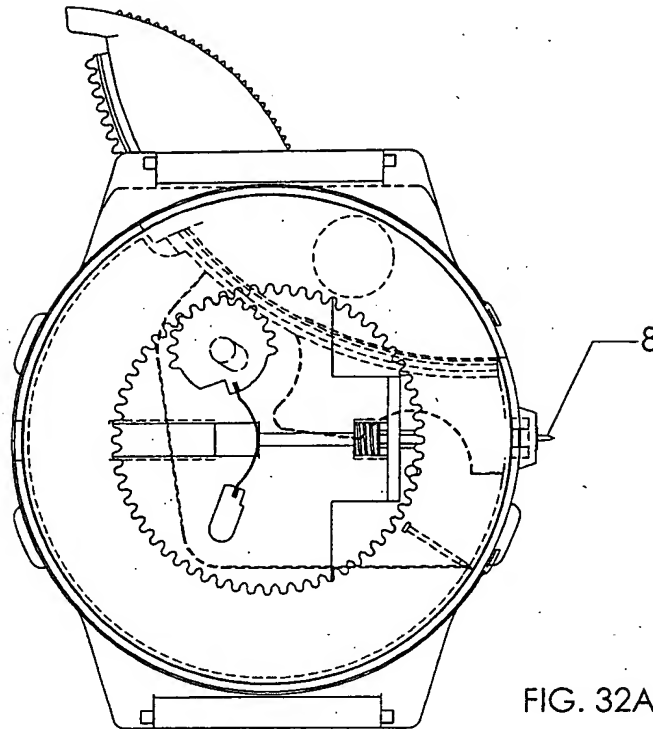


FIG. 32A

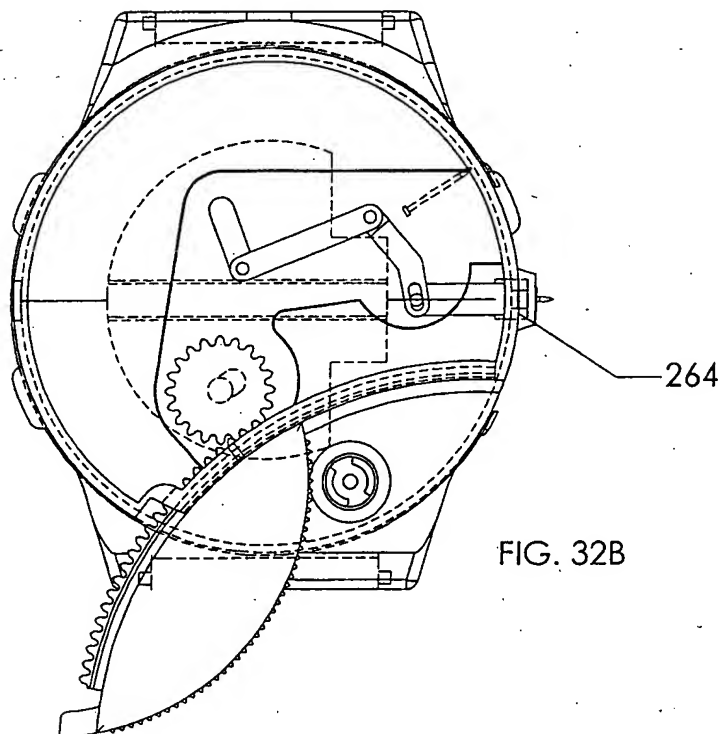
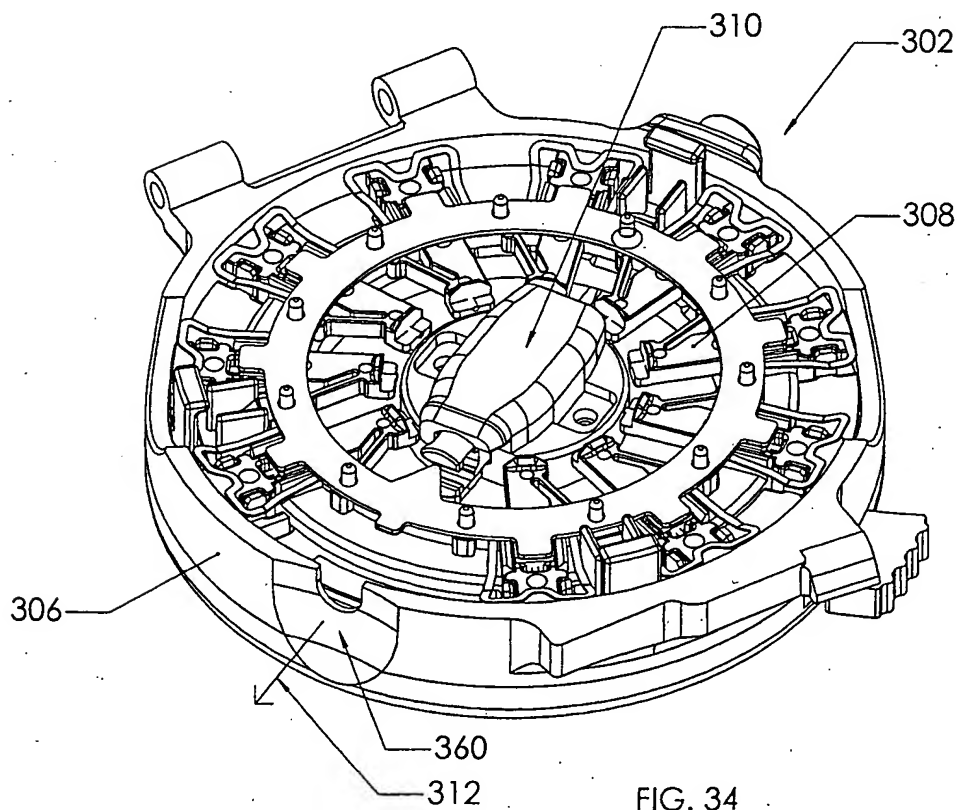
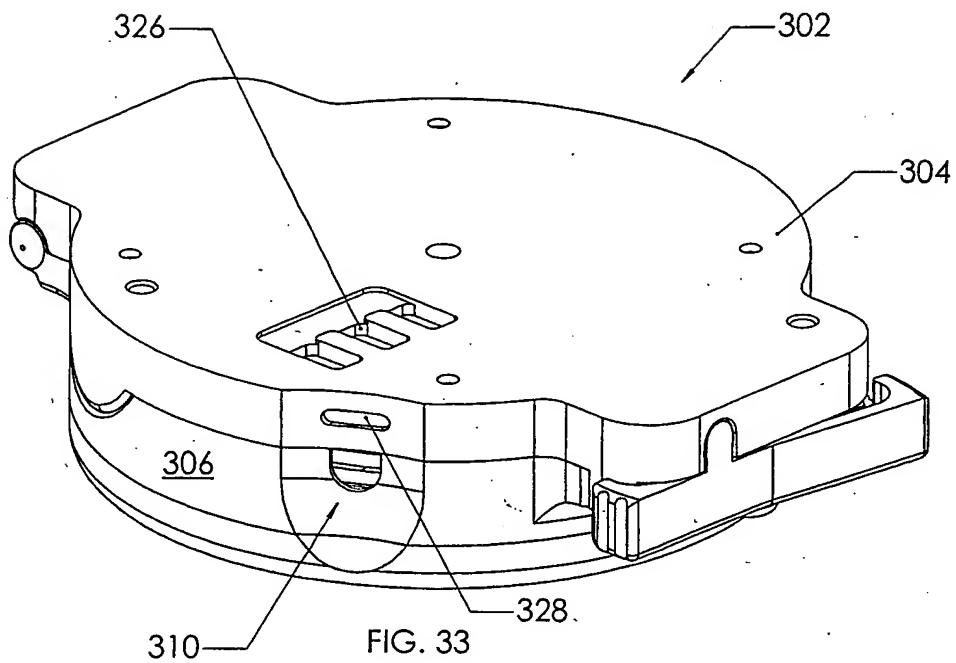


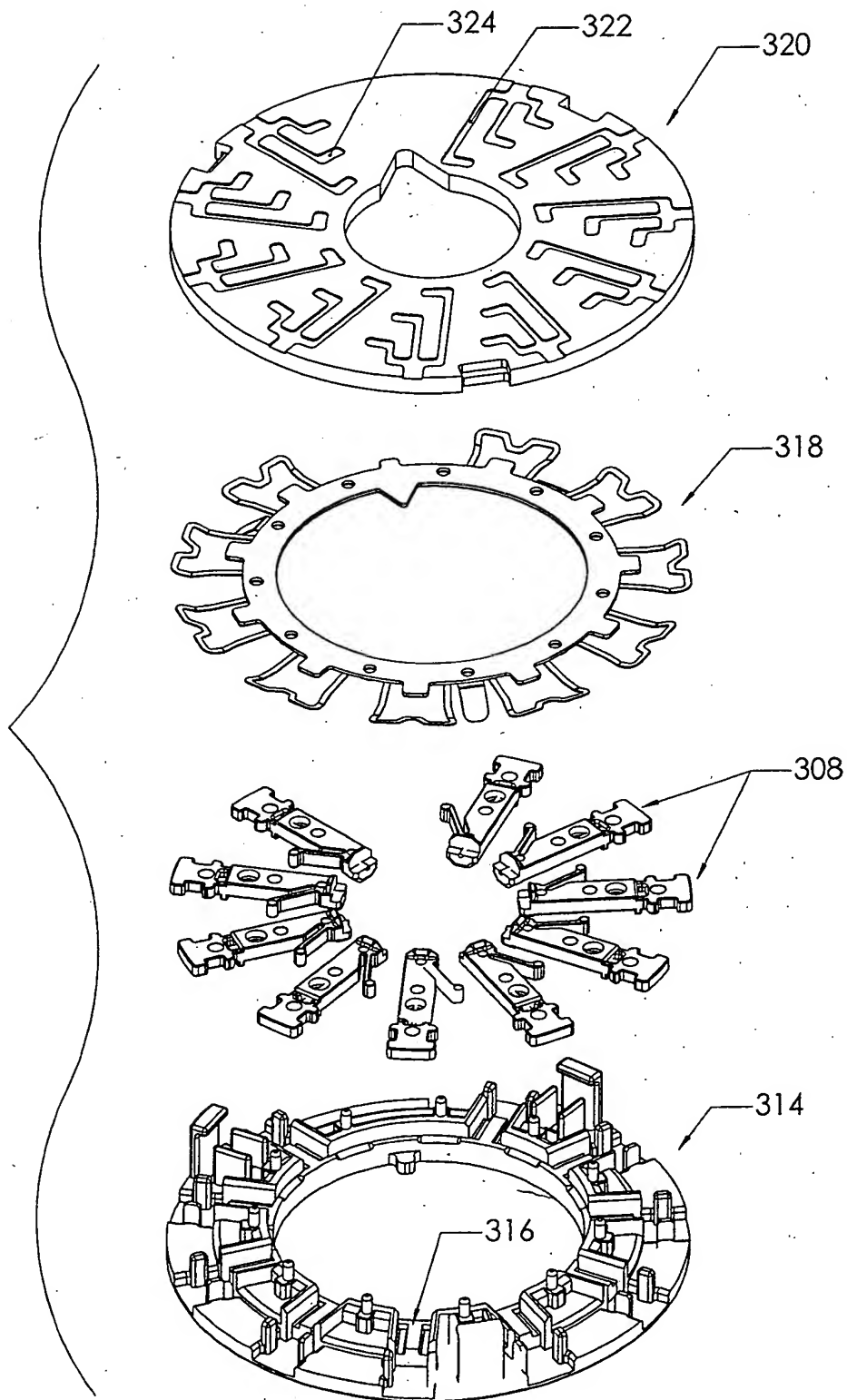
FIG. 32B

23/35





24/35



25/35

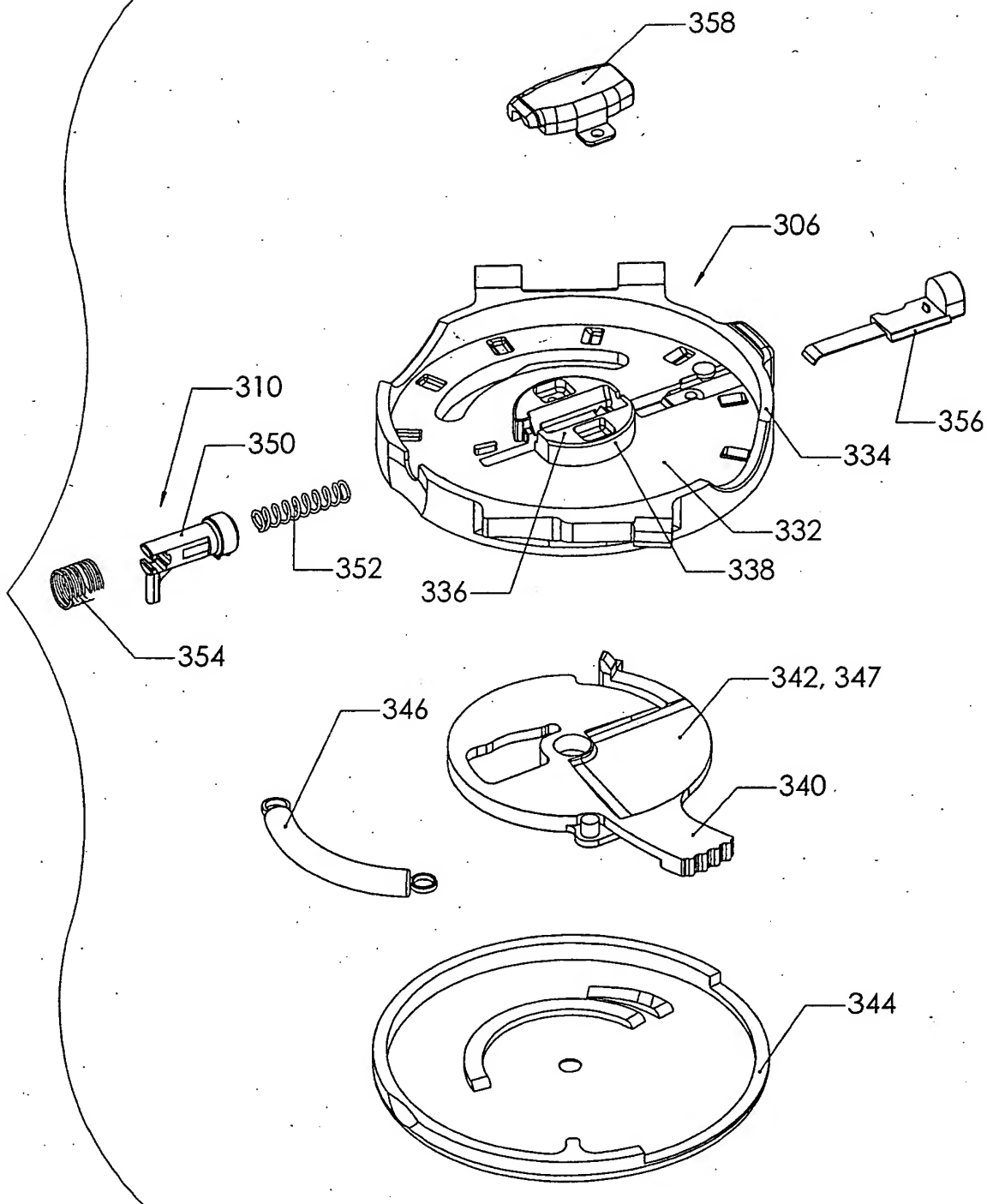


FIG. 36

26/35

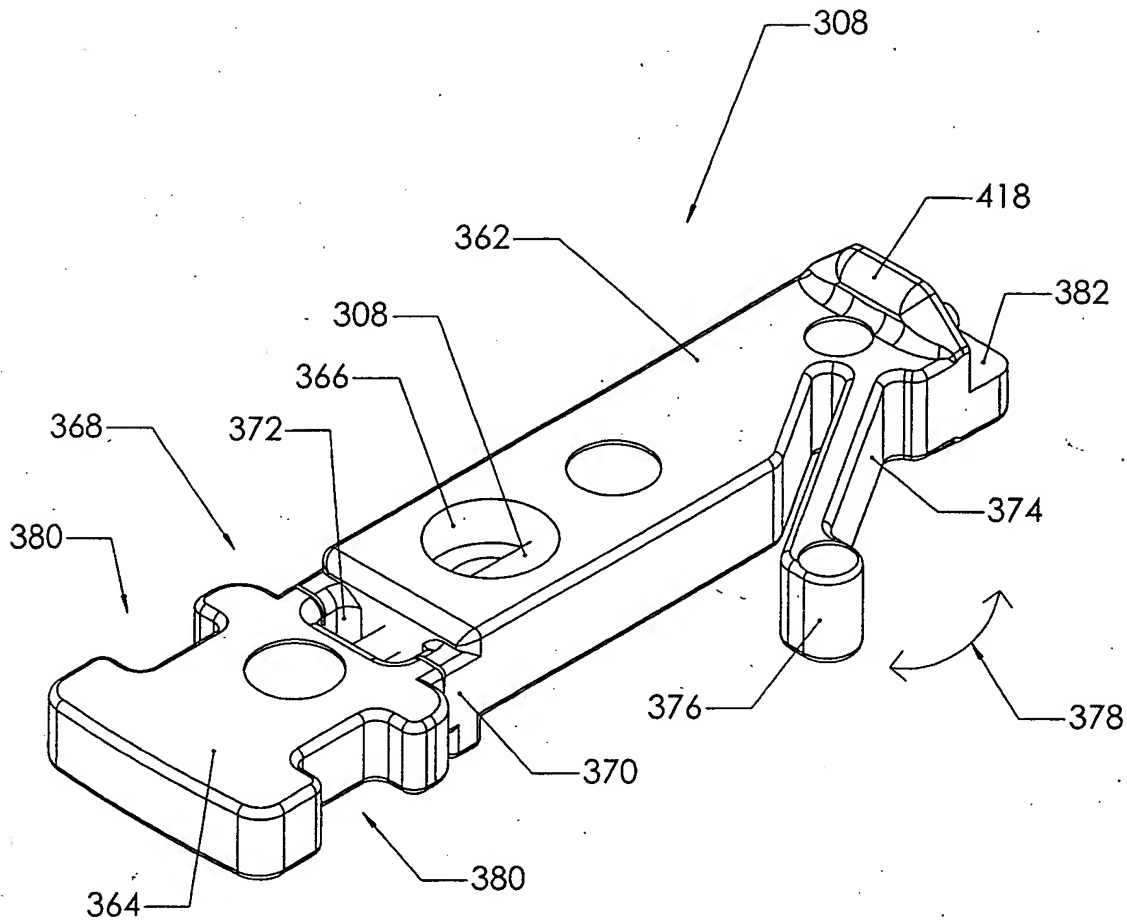
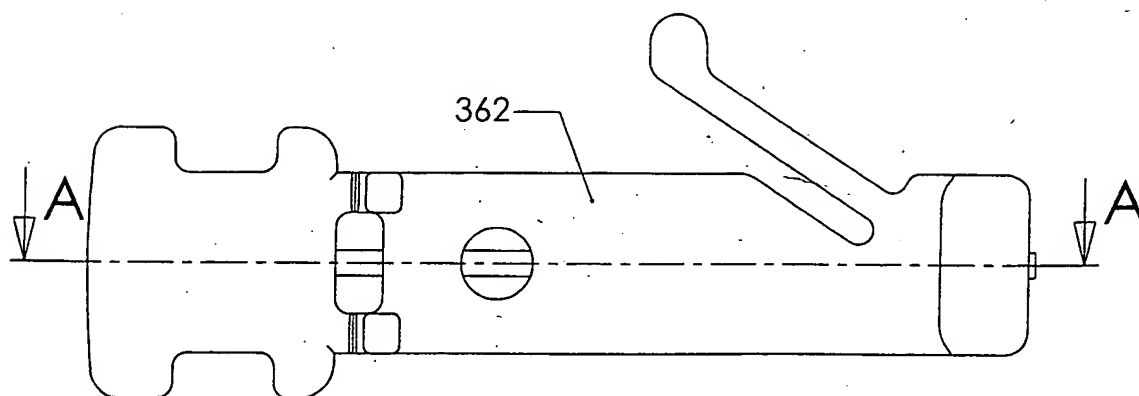
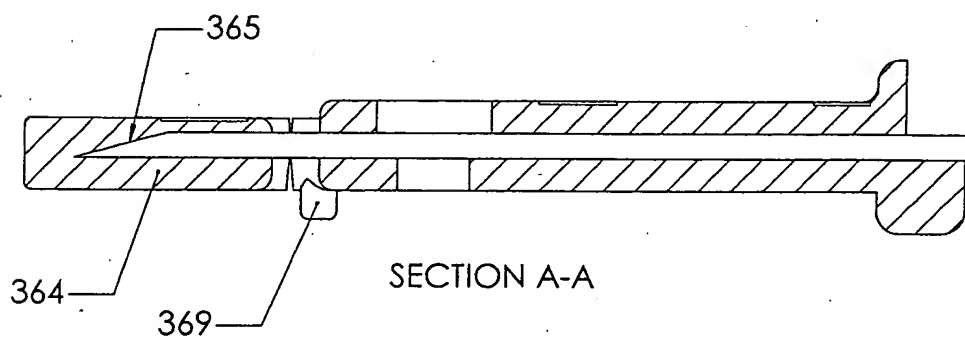
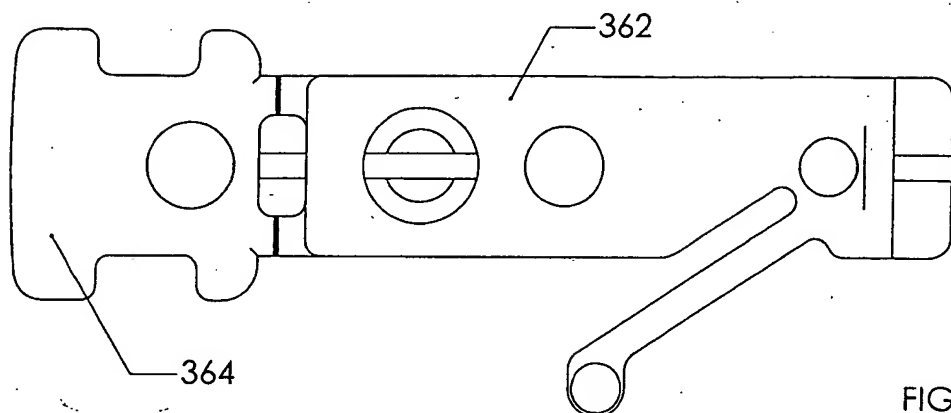
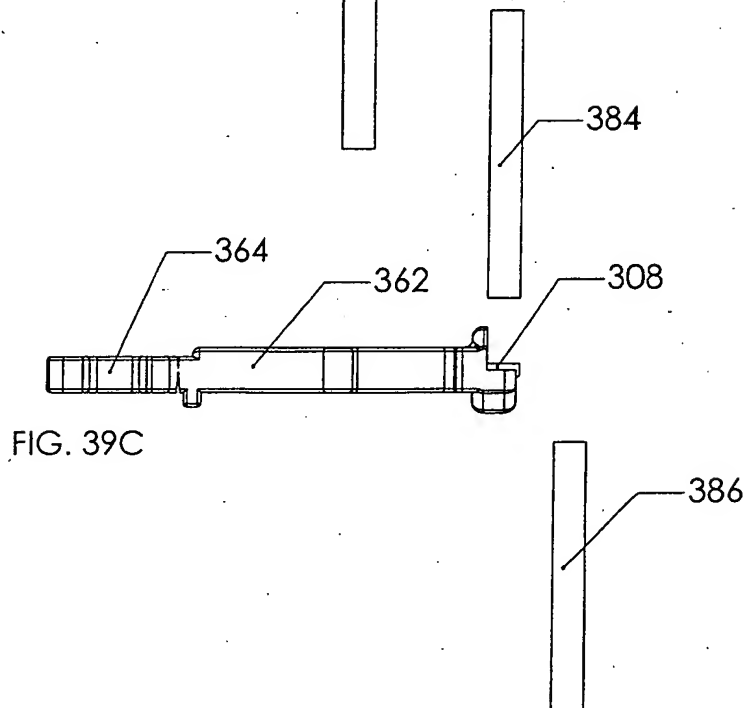
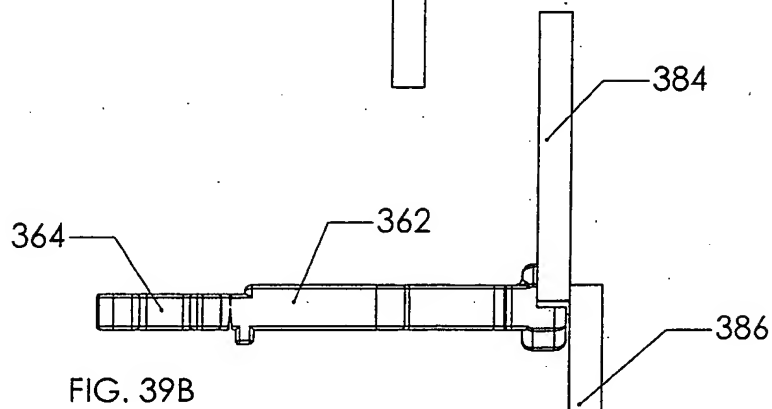
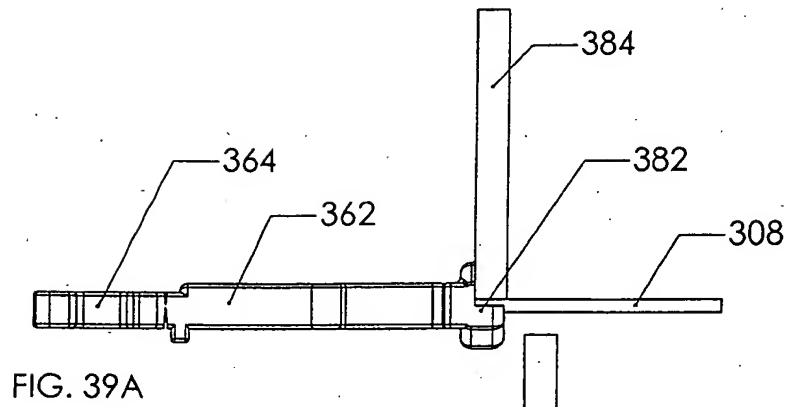


FIG. 37

27/35



28/35



29/35

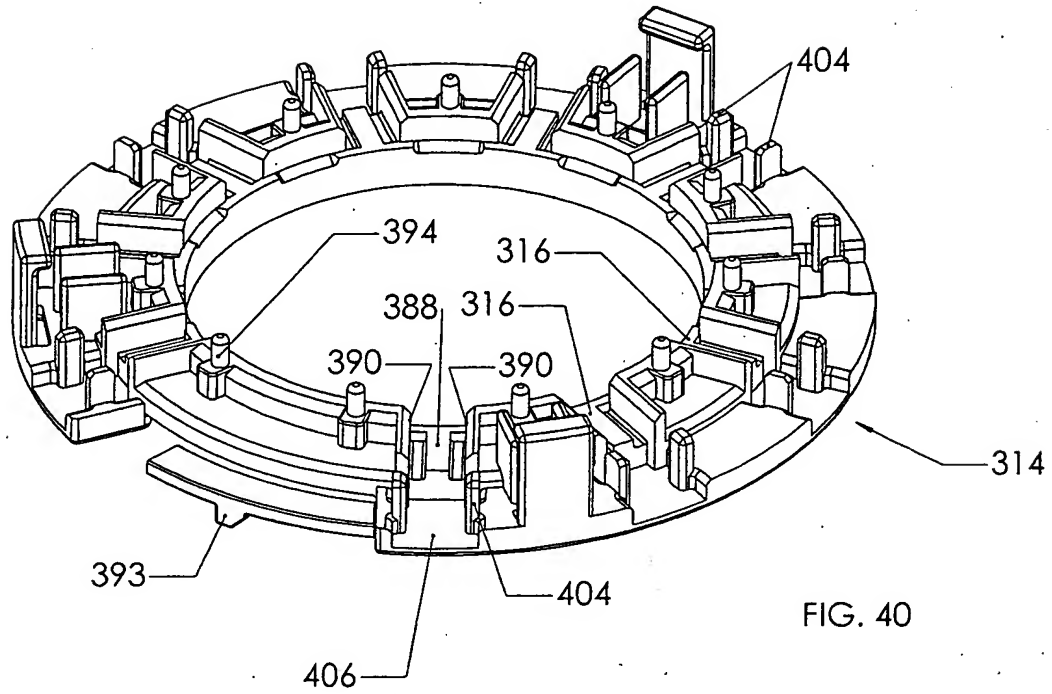


FIG. 40

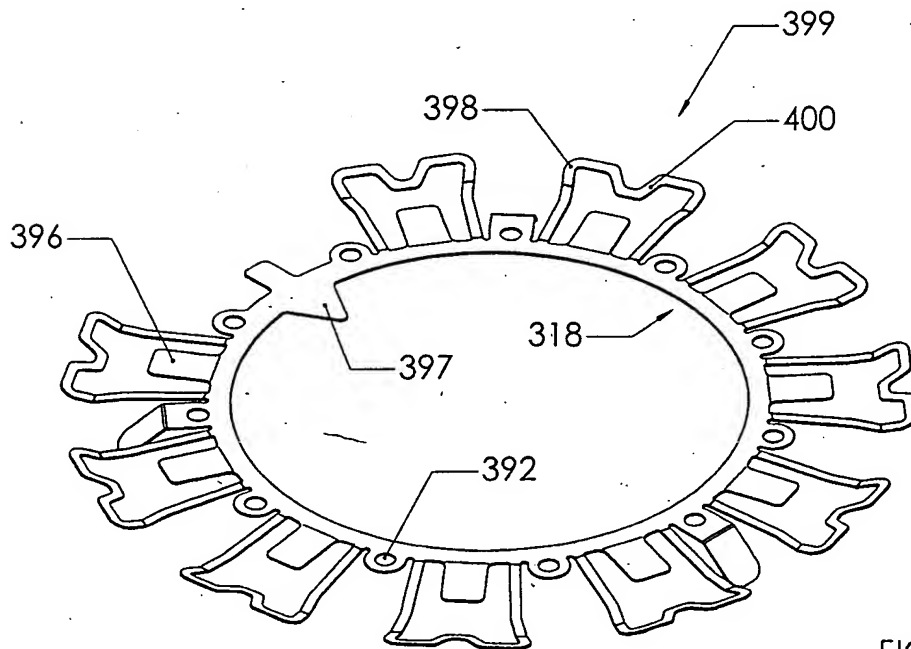


FIG. 41

30/35

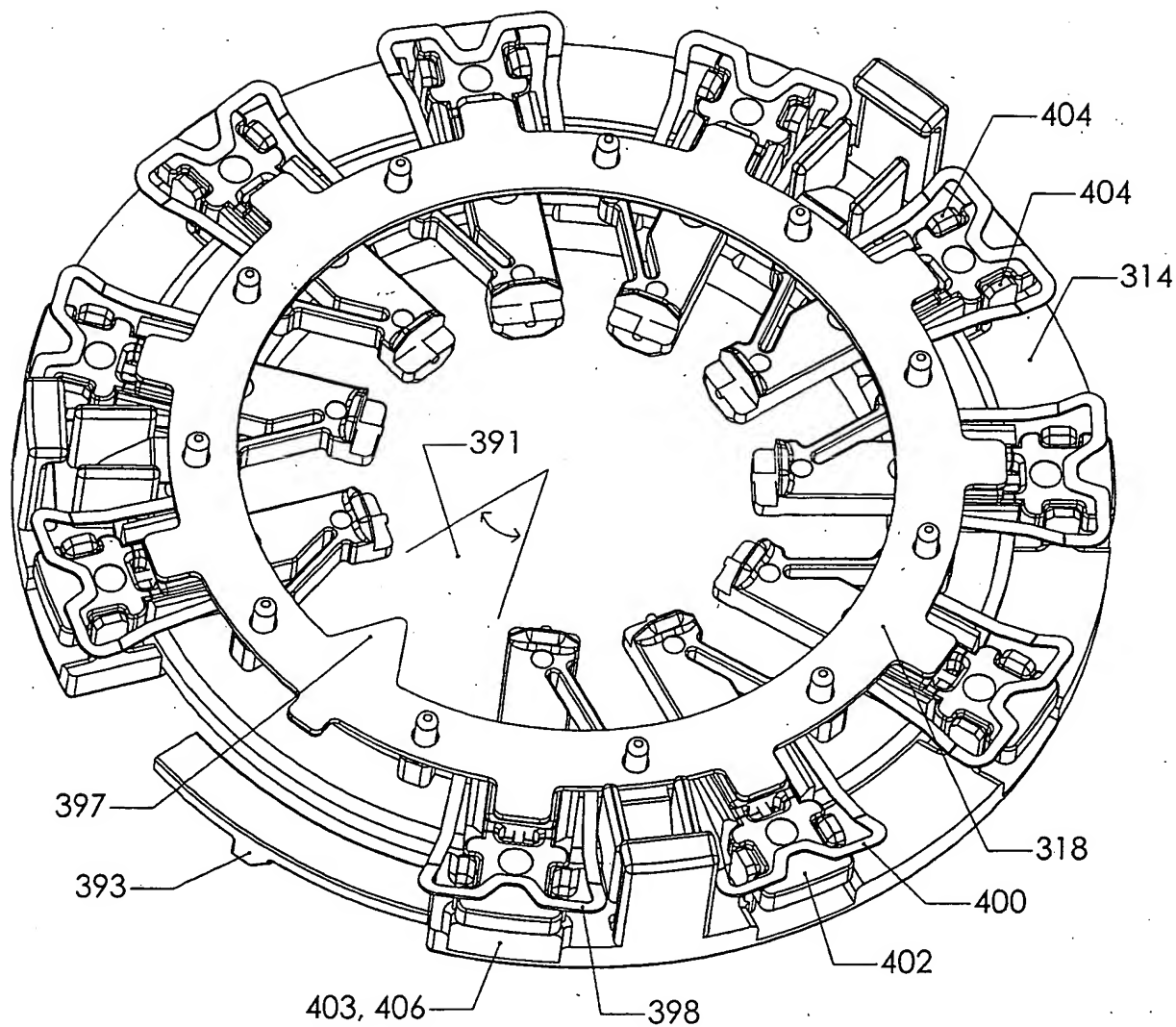


FIG. 42

31/35

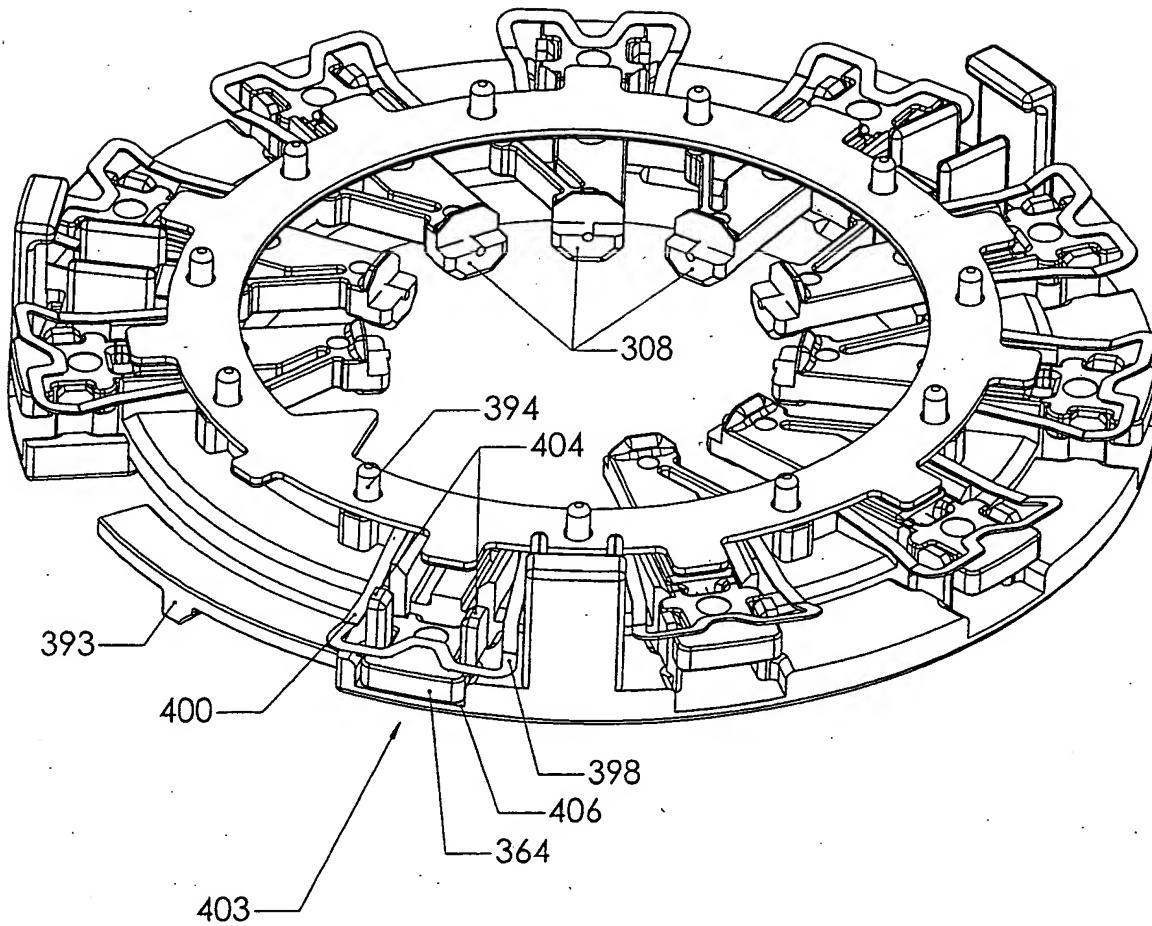


FIG. 43



32/35

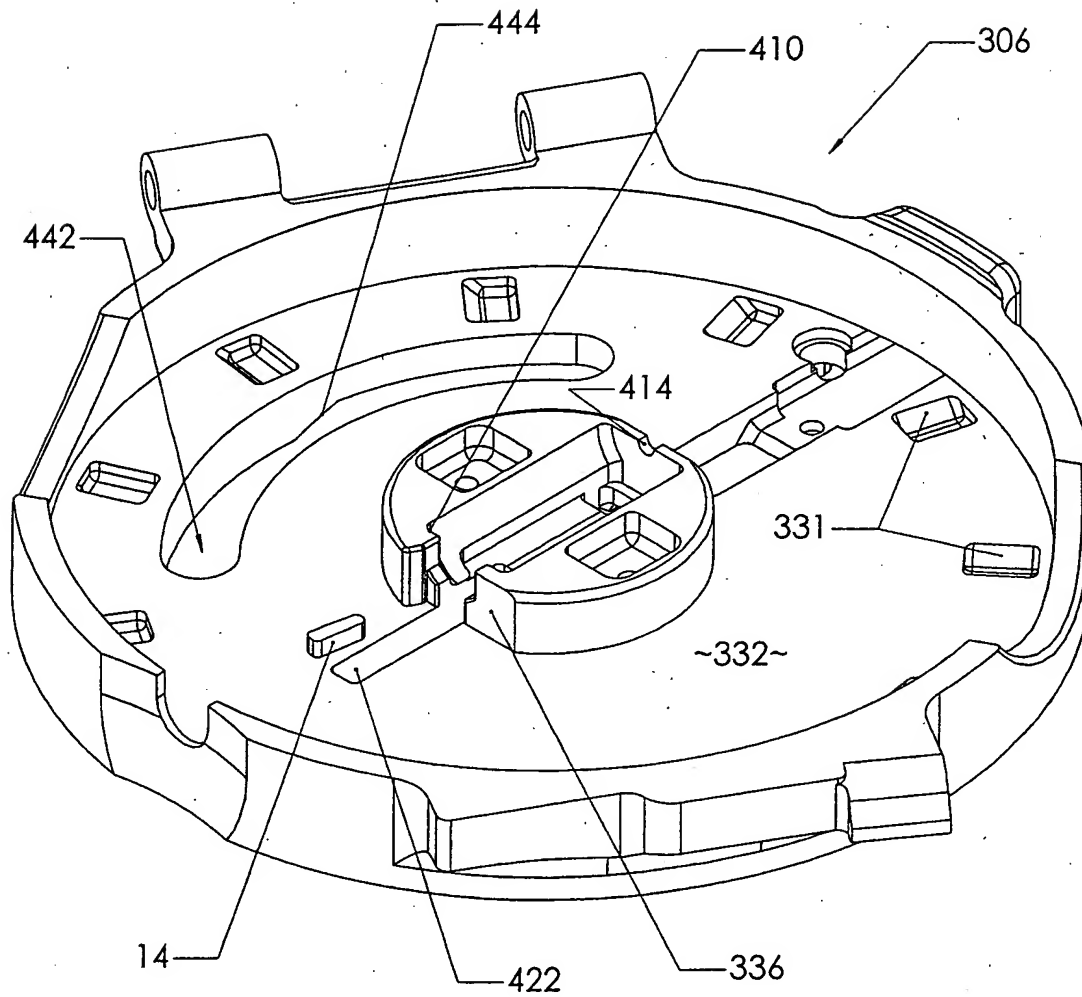


FIG. 44

33/35

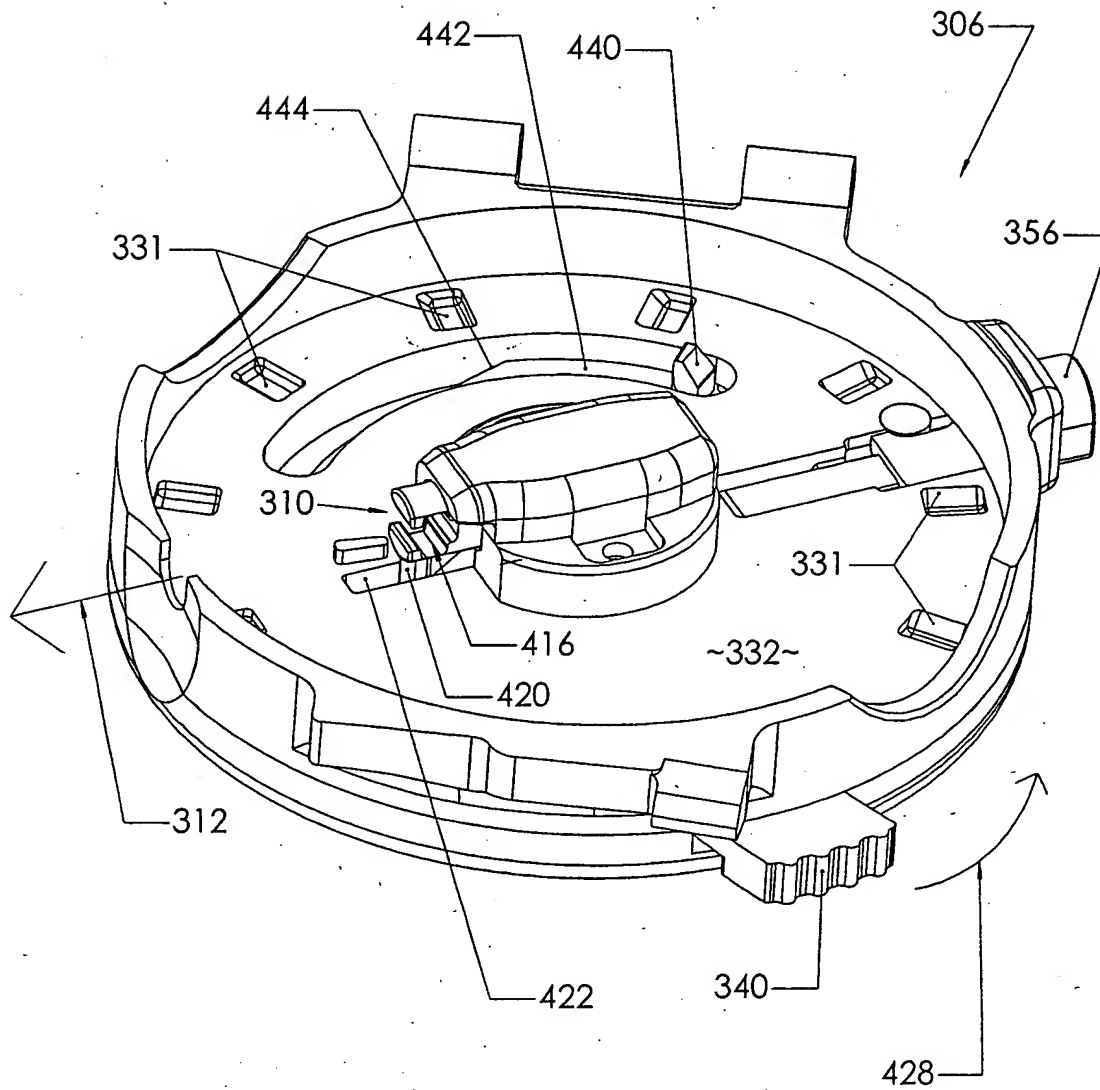
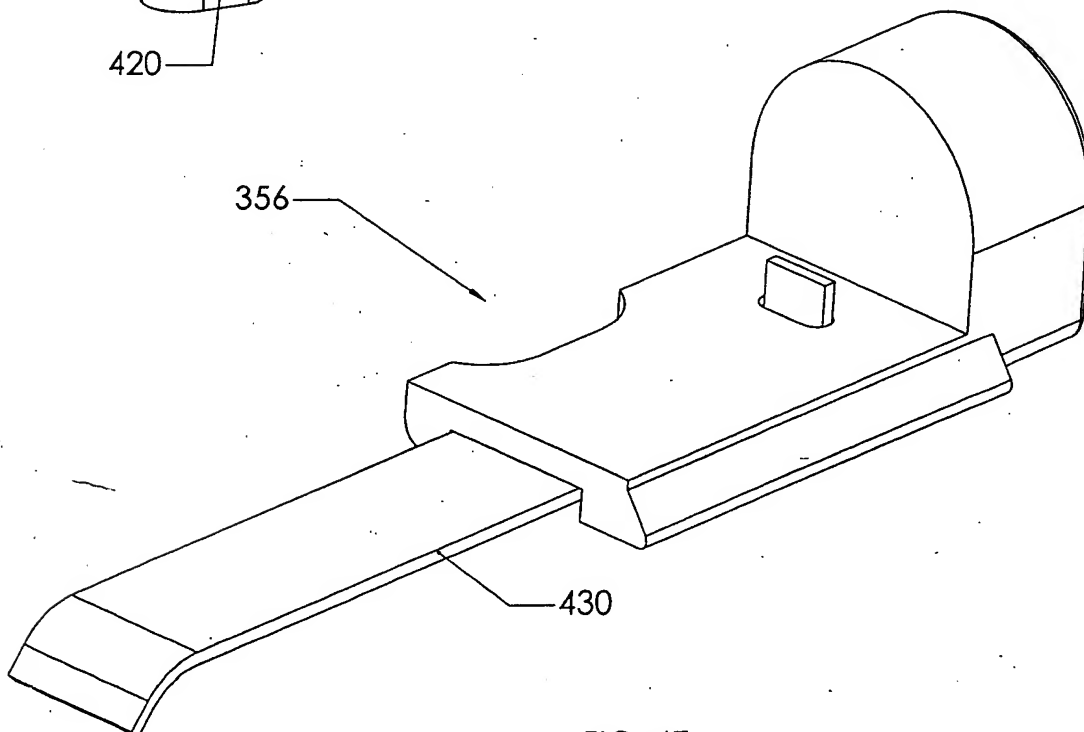
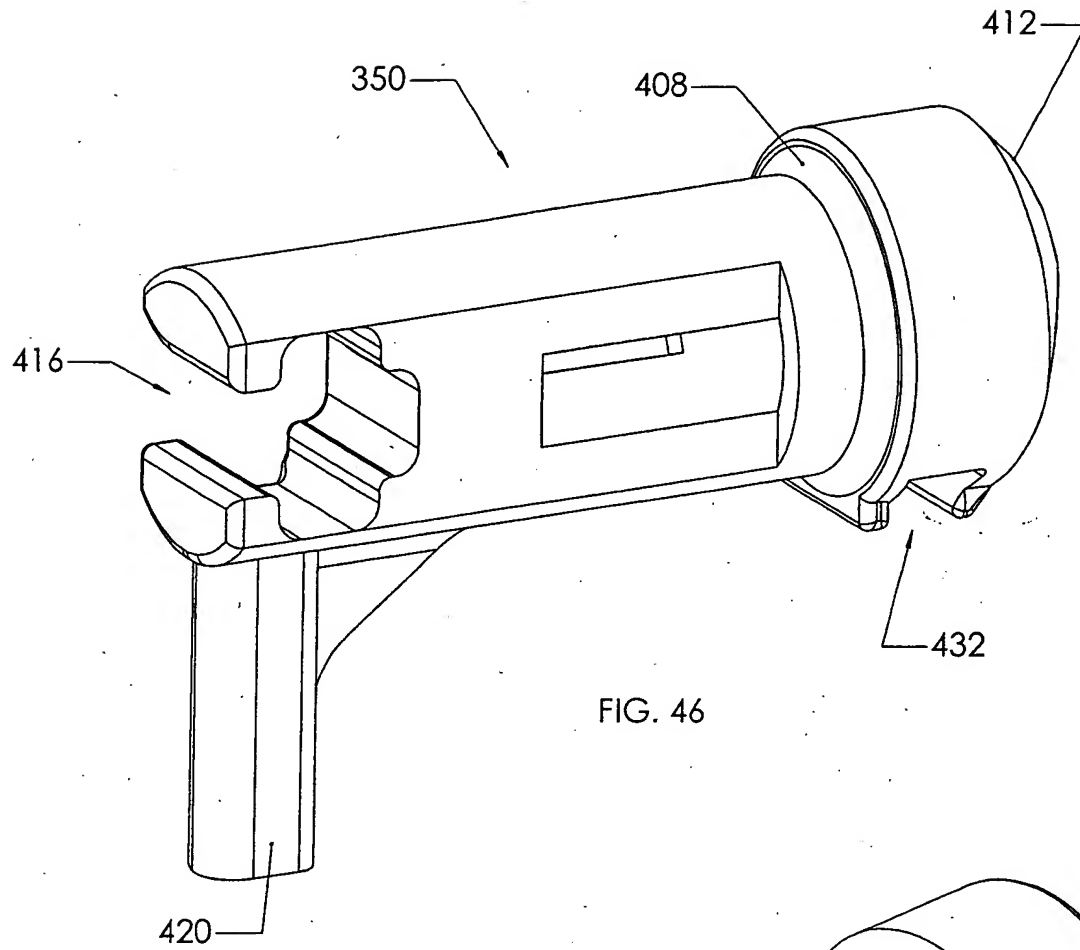


FIG. 45

34/35



35/35

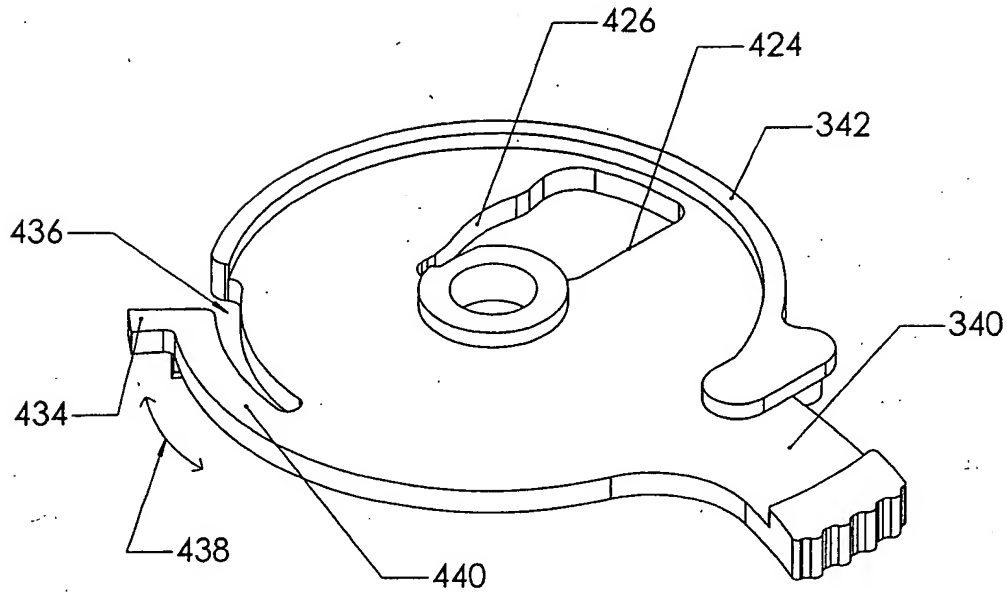


FIG. 48

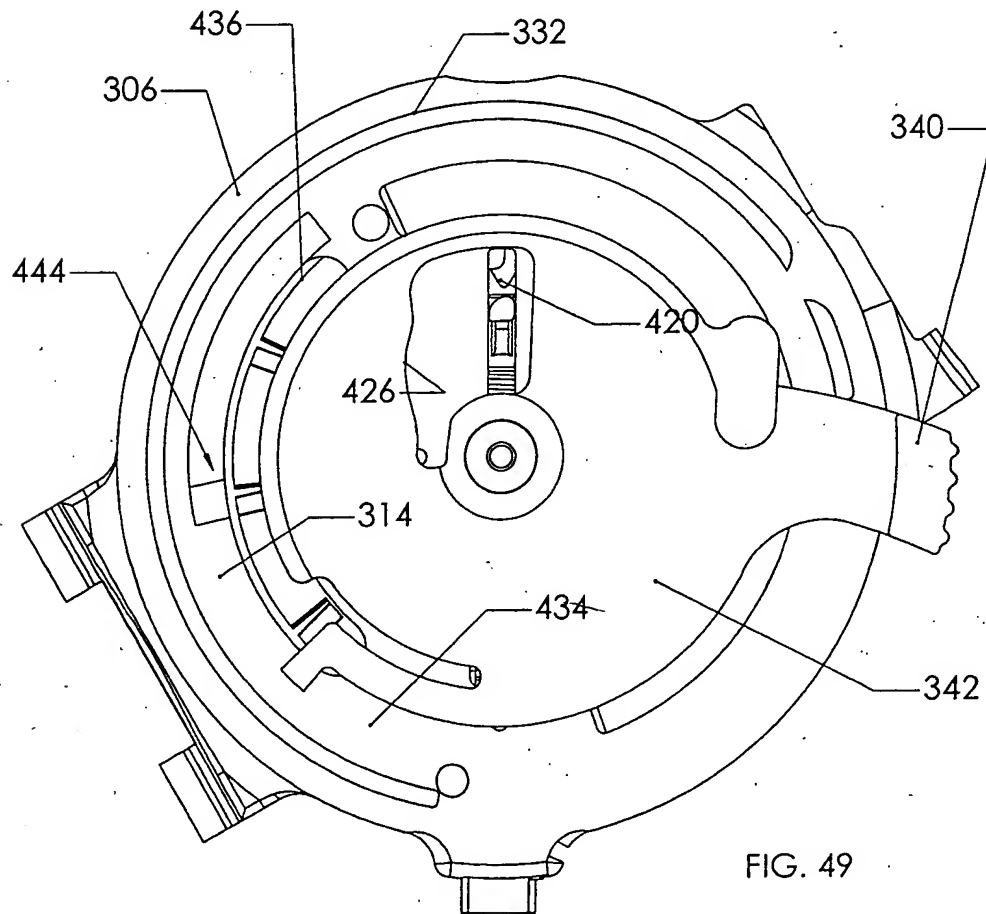


FIG. 49